



NOTTINGHAMSHIRE COUNTY COUNCIL

1971 annual reports

OF THE
COUNTY MEDICAL OFFICER
AND
PRINCIPAL SCHOOL MEDICAL OFFICER

DR. H. I. LOCKETT

HEALTH DEPARTMENT, COUNTY HALL,
WEST BRIDGFORD, NOTTINGHAM

TELEPHONE: NOTTINGHAM 863366



NOTTINGHAMSHIRE COUNTY COUNCIL

1971

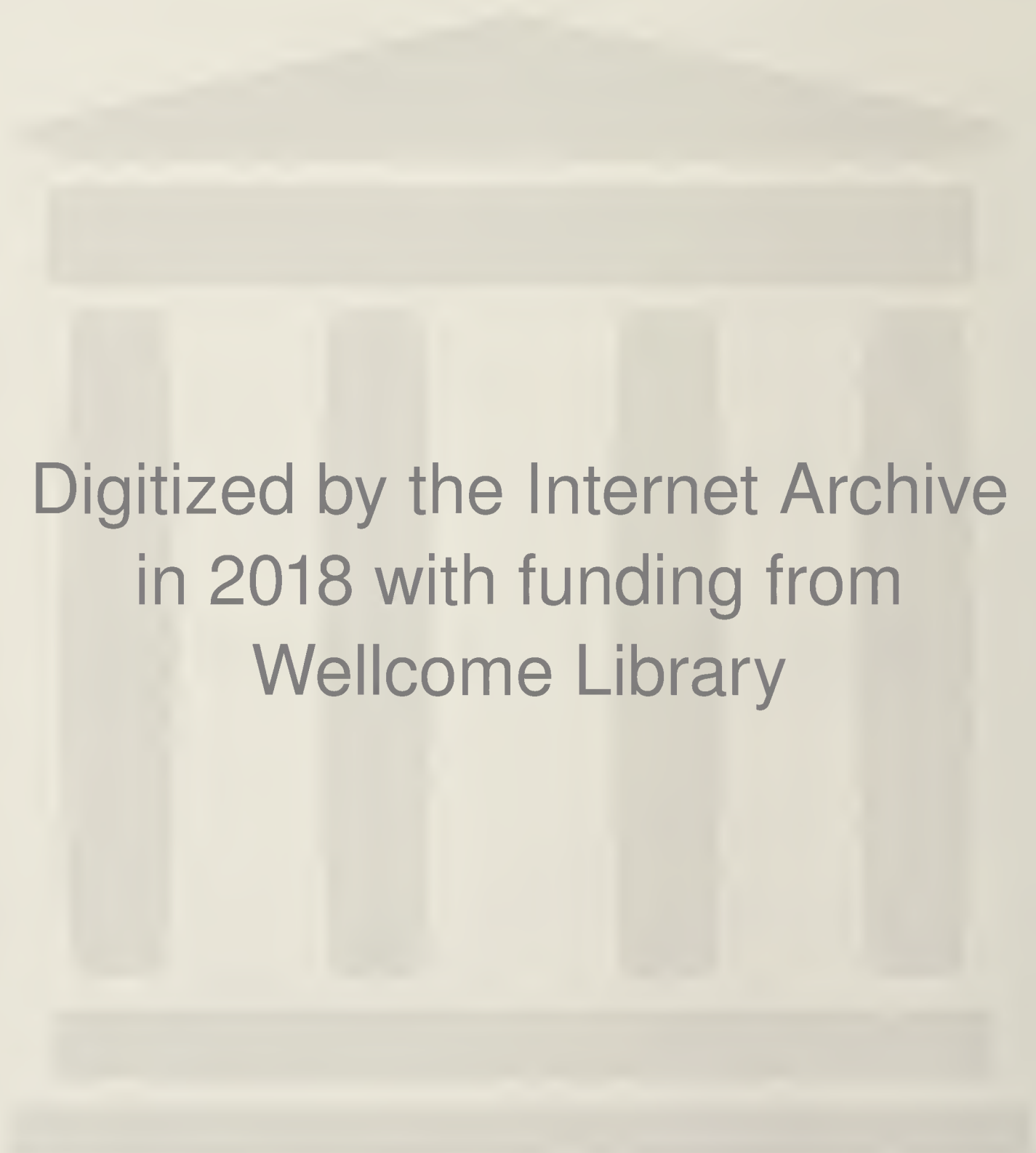
annual reports

OF THE
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Annual Report

of the

County Medical Officer

1971

HEALTH COMMITTEE

Constitution

Members of County Council	...	...	...	...	...	...	...	40
Municipal Borough Councils (1 for each)	...	...	...	...	...	...	...	4
Urban District Councils (1 for each)	...	...	...	...	...	...	...	10
Rural District Councils (1 for each)	...	...	...	...	...	...	...	6

Sub-Committees

Ambulance

Finance and Development

General Services

Members of the Committee

Chairman:

ALDERMAN MRS. B. SHARRARD

Vice-Chairman:

ALDERMAN R.A. BARTLAM

Ex-officio:

ALDERMAN MRS. E. A. YATES, C.B.E., J.P.

ALDERMAN SIR FRANK SMALL, C.B.E., D.L., J.P.

Aldermen:

BARTLAM, R. A.
BROOKS, D. A.
BUXTON, J. (Deceased 28.9.71.)
ELEY, J. W.
FOSTER, W. H., D.L.

GASH, W. W.
HARRISON, C.
HILL, MRS. L.
MEAD, A.
SHARRARD, MRS. B.

7 December, 1971.

Councillors:

ARMSTRONG, H. J. B.
BEARDSLEY, MRS. M.
BICKERSTAFFE, W. K.
BROWN, S.
BROWN, W. H.
COOPER, C. J.
DICKSON, R. C. M.
EDWARDS, W. F.
FLYNN, MRS. A. A.
GASCOYNE, W.
GREEN, A.
HALFNIGHT, N. W.
HAYNES, D. F.
LINCOLN, E. E.
MINKLEY, MRS. C.
MORRIS, W. J.

MUMBY, A. G.
NAIRN, MISS N. J.
PATTINSON, S. J. R.
PICKETT, T. H.
STANLEY, H. R.
TURNER, J.
WADE, MRS. G. M.
WADSWORTH, S.
WALKER, G. R.
WARSOP, F.
WATSON, MRS. P. R.
WIDDOWSON, J. H.
WOODWARD, F. J. E.
WRIGHT, M. G.
WRIGHT, W. E.

Representative Members:

MUNICIPAL BOROUGH COUNCILS -

East Retford
Mansfield
Newark
Worksop

WILSON, E. D.
TOWNROE, MRS. W. M.
WHOMSLEY, A. E., B.E.M.
BURTON, A. J.

URBAN DISTRICT COUNCILS -

Arnold
Beeston and Stapleford
Carlton
Eastwood
Hucknall
Kirkby-in-Ashfield
Mansfield Woodhouse
Sutton-in-Ashfield
Warsop
West Bridgford

RIELEY, MRS. E. S. C.
STREETER, J. B.
PALMER, A.
BRAITHWAITE, MRS. H.
WHITEHOUSE, W. E.
BRIGGS, A. H.
WHITING, F. G.
HOLLAND, C. E.
DESFORGES, A.
WOODWARD, W. C.

RURAL DISTRICT COUNCILS -

Basford
Bingham
East Retford
Newark
Southwell
Worksop

STONE, A. R.
GREGORY, MRS. E. M.
HORTON, H. E.
HOBBY, T.
NEWBERY, MRS. A. J.
SLACK, S.

Health Department,
County Hall,
West Bridgford,
Nottingham, NG2 7QP.

TO THE CHAIRMAN AND MEMBERS OF THE NOTTINGHAMSHIRE COUNTY COUNCIL.

I have pleasure in presenting the Annual Report of the County Medical Officer of Health for the year 1971.

The following pages give some indication of the changes which have taken place in the work of the Department during the year and of the achievements made in furthering co-operation with the other branches of the National Health Service. In particular I would draw attention to the continuing progress made in the development of Health Centres: four new Health Centres catering for 24 general medical practitioners were brought into use during 1971 and at the end of the year no fewer than one-quarter of the County's practitioners were accommodated in Health Centres. In this connection I would like to put on record my sincere thanks to Mr. Roy Pollard, the Clerk to the Nottingham County and City Executive Council, without whose enthusiasm and very considerable administrative ability the present favourable position regarding Health Centres would not have been achieved. Mr. Pollard retires during 1972 and his friendship and help will be greatly missed by myself and my colleagues in the County Health Service.

I would like to take this opportunity also to convey my thanks to General Practitioner and Consultant colleagues and to the Group Secretaries and Secretaries of the hospitals in the Region for their help and co-operation in all matters of mutual concern. Finally, I wish to express once again my very grateful thanks to the Members and Officers of this Authority for their encouragement, and to the Staff of the Health Department for their loyal support.

H. I. LOCKETT,

County Medical Officer of Health.



BINGHAM HEALTH CENTRE



RAVENSHEAD HEALTH CENTRE



RECEPTION AREA, WORKSOP HEALTH CENTRE

SERVICES PROVIDED UNDER THE NATIONAL HEALTH SERVICE ACTS 1946 - 1968

CO-ORDINATION AND CO-OPERATION OF THE HEALTH DEPARTMENT SERVICES WITH
THE HOSPITAL AND FAMILY DOCTOR SERVICES

(a) With the Hospital Services

(i) The established features of co-operation with the Hospital Services are referred to throughout the Report, in particular with reference to the Ambulance Service, Paediatric and Child Guidance Clinics, the allocation of beds to the General Practitioner Unit at Kings Mill Hospital, Mansfield, adaptations of homes for the installation of artificial kidney machines and other preventive care and after-care services.

In May a new intensive care Ward was brought into commission at the Mansfield General Hospital, but before the Ward was opened the domiciliary nursing staffs were specially invited to view this new facility.

The Department also continued to be represented by Dr. Jean Forbes, and Miss M. Allcock, on Local Maternity Liaison Committees at Nottingham, Worksop, Mansfield and Newark where, with representatives of the hospital staffs and general practitioners, all matters are regularly discussed in relation to maternity services in each area and the improvement of these wherever possible through close liaison of all concerned.

(ii) National Health Service hearing aids (Medresco) provided through Consultant E.N.T. Clinics are repaired and serviced by Technicians at the Nottingham General Hospital Hearing Aid Centre, and at other hospital centres throughout the area of the Sheffield Regional Hospital Board.

A pilot scheme providing for the routine replacement of worn-out batteries and suspected faulty leads from one of the new Health Centres proved so successful that the facilities were quickly extended to other County Health Centres and Clinics shown on the accompanying map.

The Hospital have acknowledged the value of this arrangement which relieves qualified Technicians of a good deal of routine work load and provides appreciable benefits, particularly for the aged who no longer have to undertake a perhaps difficult and expensive journey to a distant centre simply for a routine replacement item. Every opportunity will be taken to extend these facilities.

(b) With the Family Doctor Service

Continued progress was made during the year in arranging further "attachments" of domiciliary nursing staff to general practices, and at the end of 1971 the "attachment" position was as follows:-

	<u>No. of Staff Working</u>	
	<u>Wholly within Attachment Schemes</u>	<u>Partly within Attachment Schemes</u>
Health Visitors	28	4
District Nurses and District Nurse/Midwives	33	4
County Midwives	18	5
No. of general practitioners in these schemes	123	15

NOTTINGHAMSHIRE

HEALTH DEPARTMENT



HOSPITAL HEARING-AID SERVICE

■ Health Centres and Clinics providing a Battery and Lead exchange service.

● Service and repair Centres

○ Hospital Battery and Lead exchange centres

HEALTH CENTRES

(Section 21)

The following Centres were brought into operation during 1971:-

<u>Centre</u>	<u>Opening Date</u>	<u>Number of Practices</u>	<u>Number of Doctors</u>
Bingham	4th January	1	2
Huthwaite	25th January	3 (2 main, 1 branch surgery)	6
Edwinstowe	9th August	2 (1 main, 1 branch surgery)	6
Worksop	15th November	2	10

At 31st December ten Centres were in operation, providing accommodation for the appropriate Local Health Authority Services and a total of 18 practices, comprising 59 doctors, of whom 52 have their main surgery at a Health Centre, and seven have branch surgery accommodation in a Centre. This represented 24.69% of the doctors practising in the County.

Accommodation was also in use in one Centre by two practices of dentists.

A further Centre at Ravenshead was at the point of completion and was brought into operation in January, 1972. Planning was also well advanced in respect of three further Centres on which construction was due to commence before the end of the financial year.

After proceeding to final plan stage with another project, the practice concerned withdrew participation owing to dissatisfaction with the solid-fuel system of heating, but later indicated willingness for the scheme to proceed. The overall effect was deferment in the building programme to 1972/73.

The position with the development programme is shown on the accompanying map.

The Health Centres at Bingham and Edwinstowe are both joint schemes with Libraries, and the former project was entered for the Civic Trust Award Scheme in 1971, receiving a Commendation in the terms of the Assessor's reports as follows:-

"The Health Centre and Library extend and enhance the shopping precinct; the entrance also forms an attractive terminal to the north end of Needham Street. The use of the CLASP system of construction is entirely appropriate and the building is finished with white coloured panels. Several fruit trees, from the old orchard, have been retained, and the landscaping is simple and pleasing. The building makes a worthy addition to the amenities of Bingham."

Nottinghamshire
HEALTH DEPARTMENT



HEALTH CENTRE PROJECTS
31st December, 1971

ESTABLISHED

Planned — indicating Programme Year

Number of Consulting Suites () for
General Medical and Dental Services
indicated in each case.

CARE OF MOTHERS AND YOUNG CHILDREN

(Section 22)

During 1971, in addition to the four Health Centres previously mentioned, one new Clinic, at Gedling, was opened. At the end of the year there were 110 Child Health Clinics in operation, and the types of premises used were as follows:-

Health Centres	...	...	10
Purpose-built Clinics	...		20
Adapted premises	...	...	10
General Practitioners surgeries	...	...	4
Other premises (occupied on a sessional basis)	...		66
			110

The locations of these Clinics are given in the tables on pages 53 - 56 together with the frequency of sessions and average attendances throughout the year, the latter in some instances showing variations from previous years brought about by factors such as the "attachment" of Health Visitors to general practices, improved premises, and the fluctuation of local populations due to development or re-development of particular areas.

Generally, however, the level of attendances remained satisfactory, and indeed the total attendances of pre-school children, shown in the table on page 61 were the highest since 1965. There was also a slight increase in the number of children medically examined, following some improvement in the medical staffing position.

Record attendances were also achieved at the Relaxation Classes provided for expectant mothers where the patients are instructed in relaxation by Health Visitors at the main Clinics in the County.

The strike action of postal workers in the early part of the year caused some disruption in communications in a number of services, and in particular it was necessary temporarily to suspend the despatch of blood samples to Sheffield for the "Guthrie" screening test to be undertaken. During this period a courier service was introduced to collect samples in the main urban areas but as a precautionary measure Health Visitors were asked to revert to the "Phenistix" method of screening. In most instances however, it was possible for the midwives to revisit when the action ceased to take a blood sample from the baby's heel to ensure that all infants were tested. The value of this test was emphasised in March when a positive case of phenylketonuria was diagnosed, this being the first in the County since the "Guthrie" screening procedure was introduced in July 1970, and this was followed by the detection of a further case in October. In both cases the early detection of the disease enabled the child to be admitted to hospital under Consultant care and a low phenylalanine diet was introduced without delay in order to prevent mental retardment.

The table on page 61 depicts the continuation of the scheme for the notification to the Office of Population Censuses and Surveys of congenital defects apparent at birth. Following the sharp increase in 1970 it is pleasing to note the fall from 246 to 217 in the number of children born with congenital malformations, reducing the incidence per 1,000 live births from 21.9 to 19.2.

It is also most pleasing to report that after a break of three years it was again possible to arrange a residential course for mothers with hearing-impaired children. With the kind co-operation of the Principal this course was held at the Nottinghamshire College of Agriculture, Brackenhurst, Southwell, from the 13th to 17th September, and was attended by eight mothers and nine children. During the week visits were paid by Council members and the course was featured in articles in the local press. At the conclusion Mr. Attewell, the Senior Peripatetic Teacher of the Deaf, who was responsible for the detailed arrangements, reported that the course had been very well received and was generally considered to have been most worthwhile. It is hoped to arrange a similar course at the Brackenhurst College in 1972.

A number of changes in social benefits came into effect from the beginning of April, these having two main effects - on the one hand National Health Service charges were increased for prescriptions, dentures, etc., on the other there was a substantial widening of entitlement on grounds of income especially in relation to free milk and welfare foods and exemption from prescription charges, dental and optical charges. Subsequently the Government launched a campaign to increase awareness and take-up of family income supplements, free prescriptions, etc., by low income families, and supplies of the relevant leaflets were issued to the main Clinics throughout the County for distribution to the general public.

Following these changes in national benefits the County Council introduced amended scales to provide increased assistance for persons attending County Health Clinics who were recommended for a supply of proprietary brand dried milk but who were unable to meet the cost. The proprietary food is now provided free of cost to persons who are in receipt of supplementary benefit or Family Income Supplement and for others in receipt of low income the scale of charges is based on current Social Security allowances.

Responsibility for the registration and supervision of persons and establishments registered under the Nurseries and Child Minders Regulation Act, 1948, as amended by the Health Services and Public Health Act 1968, together with the administration of the County Council's four Day Nurseries, was transferred from the Health Department to the Social Services Department following the enactment of the Local Authority Social Services Act 1970, and statistical tables relating to these services no longer appear in the summary of statistics later in this report. However, due to staffing difficulties, the new Department were unable to take over these duties fully until 1st January 1972 and throughout 1971 Health Visitors and supervisory staff continued to undertake visits of inspection. When these duties were finally handed over to the Social Services Department at the end of the year the Health Visitors were reminded of the necessity for them to continue visiting day-care establishments in order to see individual children and to offer advice on health matters generally. In particular they were asked to refer any children coming within the necessitous categories previously laid down and considered to merit financial assistance to enable them to attend a playgroup or day-care establishment.

Welfare Foods Service

A significant change in the long-established structure of the Welfare Foods Service came at the end of the year when concentrated orange juice ceased to be supplied as part of the service, although the Department of Health announced that residual stocks available at depots would continue to be available and could be sold.

Earlier in the year it was announced that supplies of Cod Liver Oil were being replaced by children's Vitamin A, D and C drops. The provision of cheap welfare milk for expectant mothers and young children also ceased as from the

4th April 1971, but the entitlement to free milk and foods was extended and a good deal of publicity through Health Visitors, Social Workers, District Nurses and Midwives and other staff was given to bring the revised scheme to the attention of possible beneficiaries.

The distribution service continued to be made at all child health premises and from the homes of voluntary helpers in rural areas, and I am appreciative of this help.

A table showing the trend of issues is given on page 57.

DENTAL CARE OF EXPECTANT AND NURSING MOTHERS

AND CHILDREN UNDER SCHOOL AGE

Particulars of the work undertaken in the year are set out in the appended statistical tables.

MIDWIFERY

(Section 23)

Earlier in this report, reference is made to the fact that the "attachment" of nursing staff to general practices has some effect on attendances at Clinics and in the midwifery service a comparable situation occurs, i.e. the number of domiciliary visits declines on account of the midwives seeing their patients more frequently at the general practitioners' surgeries. The increased number of "attachments" of full-time midwives and district nurse/midwives is reflected in the tables on pages 65 - 66 which show the continuing changing pattern in the work of the domiciliary midwives. It will be seen that a decrease of 3,582 domiciliary ante-natal visits is offset by the midwives having attended an additional 427 sessions at Local Authority and general practitioner clinics.

Although there is still a comparative shortage of maternity hospital beds in this area, particularly in the north of the county, the trend continues for fewer confinements to take place at home and more deliveries to be undertaken in hospital. The ratio of domiciliary to hospital confinements has changed from 34/66 in 1968, to 24.5/75.5 in 1971. In turn the number of patients confined in hospital and discharged before the tenth day to the care of domiciliary midwives increased last year by 819 with a corresponding increase of 1,897 in the number of lying-in visits.

It would seem inevitable that this trend in midwifery will continue and may be accelerated, as 1974 approaches with the unification of the Health Service. With this in mind, midwives in the Nottingham area were invited to a meeting at the City Hospital in July when the topic of the speakers was entitled "Towards Integration". More frequent meetings and talks of this nature are likely as the pattern for the future becomes clearer.

Following a leading article in the British Medical Journal which drew attention to the damaging effect on the foetus which untreated phenylketonuria in the pregnant mother might have, midwives were asked to ensure that a 'Phenistix' test is carried out as a routine procedure at the initial urine testing of all ante-natal patients under their care.

The Royal College of Midwives again arranged a refresher course at the Nottingham University and small parties of midwives were again allocated to this Authority on two days of the course. Visits were arranged to the Portland Training College for the Disabled, a Girls' Remand Home, and to the Adult Training Centre and Health Centre at Arnold.

HEALTH VISITING

(Section 24)

The improvement in the staffing position relating to Health Visitors continued during 1971, and at the end of the year, following 14 new appointments (including seven who qualified after the completion of training courses) and 12 resignations, there were 103 Health Visitors in post including 31 working on a part time basis. Of these 100 undertook combined duties i.e. work in the School Health Service in addition to Maternal and Child Health and General Health Visiting, giving the equivalent of 60.2 whole-time officers on Section 24 work.

Despite this improved staffing situation there was a slight reduction (4,072) in the total number of home visits, as will be seen in the statistical table on page 67. This decrease was brought about by more selective visiting of pre-school children, this in turn being offset by an increased number of visits under "General Health Visiting" which are, in the main, visits to the elderly whose requirements are likely to be more time-consuming. It should also be borne in mind that the Health Visitors are required to undertake regular fixed commitments e.g. Health Education, sessions at Clinics and general practitioners' surgeries, School Medical Inspections etc. which, together with sickness, leave and other absences, reduced the number of sessions available for domiciliary visiting from 40,615 to 18,125, giving an average of 9.8 visits per visiting session by each Health Visitor.

During the year ten Health Visitors attended refresher courses in accordance with the policy recommended by the Nurses' Committee of the Whitley Council.

At the end of April talks were given to Health Visitors and School Nurses on the subject of "Drug Addiction" by a doctor from the Regional Addiction Unit and a representative of the Nottinghamshire Combined Constabulary.

HOME NURSING

(Section 25)

Since 1966 the number of patients attended by the District Nurses and the number of visits have increased each year. The table on page 68 shows that the increases during 1971 were substantially greater than those in previous years, this trend resulting from further "attachments" to general practices and to the increasing number of patients discharged from hospital at the earliest opportunity. Many of these patients may not require long-term domiciliary nursing care, as generally do the elderly and infirm, hence the reduction in the average number of visits per case from 27 to 23.

Three nurses attended a District Nursing training course organised by the City of Nottingham Authority.

Following the "Drug Collection Week" held in the Nottingham area during May (referred to later in this report), the local Drug Dependency Liaison Committee discussed the question of the disposal of dangerous drugs after decease in terminal cases nursed at home and suggested that the City and County Authorities should carry out a similar policy in line with the recommendation of the Queens Institute of District Nursing. Accordingly a circular was issued to the District Nurses advising that where they find surplus drugs in a house they should, with the consent of the household, secure the destruction of the drugs by fire or by pouring down the W.C. according to the nature of the drug, and should endorse their records appropriately.

On the recommendation of the County Council's Association, having regard to changes in the scope of functions of the Queens Institute of District Nursing, the Authority agreed to adopt a new scheme of membership and a revised rate of contribution to that organisation.

Nursing or sitting-in assistance under the scheme financed by the Marie Curie Memorial Foundation was afforded during the year to 24 patients with carcinoma, three nurses being employed on a case basis for this work.

VACCINATION AND IMMUNISATION

(Section 26)

District Medical Officers of Health, acting on agreed terms as the County Council's agents, continued to be responsible within their districts for the organisation and conduct of this work, and the County Council's Health Visitors and School Nurses worked in close collaboration with them. Where necessary clinical assistance was also given by the County Council's own medical staff.

General medical practitioners also participated in these arrangements and details of primary courses completed and of booster doses given in the year are set out in the statistical appendix.

In accordance with a circular letter to all general practitioners, Medical Officers of Health, and hospital administrative medical officers from the Department of Health and Social Security at the end of July, vaccination against smallpox then ceased to be offered under the County Council's scheme as a routine procedure in early childhood. The arrangements for offering protection by vaccination to Health Service staff who may come into contact with smallpox patients were, however, continued. These changes were advised by the Department of Health and Social Security on the advice of the Joint Committee on Vaccination and Immunisation who had reviewed the indications for offering vaccination against smallpox in Great Britain at the time bearing in mind the very small but finite risk of serious complications of vaccination, the changes in the prevalence of smallpox in countries overseas, and the diminishing likelihood of the occurrence of outbreaks in this country.

In November 1971 appropriate members of the staff were also advised of the contents of a letter from the Chief Medical Officer of the Department of Health and Social Security drawing attention to the improvement in the prevalence of measles since the campaign of vaccination was implemented. They were accordingly encouraged to press on with the campaign to achieve still further reduction in the transmission of infection, to concentrate vaccination on children aged three years or more in areas where a low incidence of measles had been achieved in children under three years, and to pay particular attention to groups at special risk.

All Departmental Medical Officers, Health Visitors and School Nurses were additionally informed in August 1971 of national arrangements made by the Department of Health and Social Security to determine the effect of rubella vaccine on the incidence of congenital rubella defects.

At 31st December the percentages protected against the under-mentioned diseases and in the age group indicated were as follows:-

	<u>Percentage immunised</u>
Diphtheria (children born in 1969)	84.6%
Whooping Cough (children born in 1969)	84.2%
Poliomyelitis (children born in 1969)	84.9%

For the fifteenth successive year no case was notified and no child died from diphtheria in the County Council's area.

AMBULANCE SERVICE

(Section 27)

The number of patients carried by Ambulance Service vehicles and the total mileage travelled as shown on page 70 continues to increase but a comparison with 1970 cannot be made with any accuracy because the relevant figures for that year had, of necessity, to be restricted for a period of the year.

The average number of miles travelled by each patient in Ambulance Service vehicles during the year was 5.59 compared with 5.63 for the previous year and 5.70 for 1969.

The number of patients for whom arrangements were made for their conveyance by train to out-county destinations was 97 involving 10,896 miles i.e. an average of 112.3 miles per patient.

Stations

Approval was given under the minor works allocation for sluice rooms to be provided at the Arnold, Beeston, Hucknall, Sutton-in-Ashfield and Newark Ambulance Stations.

Vehicles

The establishment of the main fleet of vehicles at the end of 1971 is shown on page 71 the average age of the ambulances and dual purpose ambulances being 3 years 11 months and 3 years respectively.

Because of difficulty which is still being experienced over the delivery of new ambulance vehicles, it has not as yet been possible to increase the number of reserve vehicles from 11 to the approved 14 to provide an exchange reserve pool at Arnold Ambulance Station for the use of crews taking vehicles into County Workshops.

Approval was given for the replacement of 3 ambulances and 7 dual-purpose ambulances during the year. The introduction of the Bedford CF van conversion as a dual-purpose ambulance was favourably received by both patients and personnel and it was felt that with further modifications to improve the interior height and rear doors, the vehicle could be converted into a suitable two stretcher-trolley ambulance and effect a financial saving in the process. It was therefore approved that the three ambulances referred to be replaced on this basis. Provision was also made for the purchase of one additional Bedford CF dual-purpose ambulance during the year and, in anticipation of delay being encountered with the delivery of vehicles, for the placing of an order this year for the delivery of the additional Bedford CF dual-purpose ambulance to the establishment required in the next financial year.

Following the receipt of Circular LHAL 37/71 and the recommendation that certain essential safety measures be carried out to ambulance vehicles, action was taken to ensure that the necessary work was put in hand in connection with new vehicles on order and in respect of existing vehicles provision has been made for the necessary modifications to half the existing vehicles to be put in hand in this financial year and for work on the remaining vehicles to be carried out as early as possible in the next financial year.

Equipment

With the equipping of each operational ambulance with the Oxylitre apparatus there has been a need to re-charge the oxygen cylinders more frequently and, in consequence, it was necessary to replace the electrically operated booster pump which had been in use for many years and which steadily became unreliable. With the introduction of the Oxylitre apparatus it was also necessary to increase the stock of oxygen cylinders and a further 24 were purchased.

It was decided to purchase a number of sets of "Hoddy" bandages for operational use which had been designed and developed by a former member of the County Ambulance Service with an especial interest in training and ambulance aid techniques.

There are occasions when ambulance personnel have to attend emergency calls in hazardous conditions which call for the provision of some form of protective headgear. Fortunately, these occasions are very rare but, as a precaution, a quantity of safety helmets have been distributed to County Ambulance Stations for use in such incidents.

Staff

The establishment and the staff in post at 31st December, 1971, is set out on page 72.

During the year, ten men left the Service and sixteen were appointed. Of the ten men who left the Service, two retired.

To assist in improving operational efficiency, the post of Deputy Ambulance/ Training Officer was added to the establishment with effect from the 1st January 1971, and another post in the Service was re-designated with effect from the 1st April, 1971, to provide a senior post of Control Officer.

Following the acceptance of the Local Government Training Board plan for the establishment of Area Training Centres by the Ambulance Service Advisory Committee it was recommended that the Authority should use the facilities being provided by the Leicestershire Ambulance Service Training School and this was arranged from the 1st April. Thirty personnel who attended either the Cheshire or Leicestershire Training Schools during the year for six weeks basic training were subsequently assessed as competent and awarded the Ambulance Service Proficiency Certificate.

Provision is being made for personnel with five or more years service who were awarded a Proficiency Certificate on the basis of experience and competency to attend appropriate Ambulance Aid Courses.

The County final of the National Ambulance Competition was held on the 1st May; the team representing the Arnold Station was successful, the Worksop Station team being runners-up. The Arnold team represented the Service in the Regional Final held at Bridlington on the 6th June and was placed seventh out of twelve competing teams.

One hundred and sixty-five members of the Service received National Safe Driving awards for 1970.

The Authority's Work Study Officer, in consultation with Officers of the Department and the representatives of personnel through an appropriately constituted Joint Productivity Committee, is considering the ways and means of implementing a Productivity Agreement in accordance with the recommendation contained in Part II

of National Joint Council Circular N.M.192A and it is hoped that a satisfactory scheme will be forthcoming.

Communications

The joint teleprinter scheme developed in co-operation with the Nottingham General Hospital and the Nottingham City Ambulance Service began to operate in September and, apart from initial teething troubles, is proceeding quite smoothly. One problem which emerged at the outset in Ambulance Control was the noise factor which necessitated the construction of an insulated cabinet to house the teleprinter without impeding its operation. This was accomplished with some success.

Hitherto it has been the practice for old radio equipment to be transferred from vehicles being replaced to new vehicles but it has now been decided as a matter of policy that as new radio equipment has a "life" comparable with a vehicle it should be purchased at the same time as the new replacement vehicle and the cost charged to the renewal and repairs fund.

Hospital Car Service

Statistics relating to the Hospital Car Service for the year are given on page 72.

There has been a decrease in the number of patients carried and the mileage travelled compared with 1970, accounting for the increase in the average number of miles per patient from 24.7 to 28.5. The number of enrolled volunteer drivers has also dropped from 105 to 94.

It would seem from these figures that the use of the Hospital Car Service is diminishing in relation to the number of patients conveyed and mileage travelled by the Ambulance Service which show an annual increase; however the value of the Hospital Car Service lies in the selective deployment of available resources with suitable patients on the longer distance journeys to hospitals outside the Authority's area and this is the key to the Service's effectiveness. By using the Car Service in this way the Ambulance Service is better able to co-ordinate and use its resources more intensively within the area and at the same time ensure that ambulances are retained within reasonable proximity of base stations to carry out routine work and fulfil an emergency role if needed. The usefulness of the Hospital Car Service for the longer distance journey is illustrated by the fact that a volunteer driver sometimes spends three, four and five hours or even more in assisting a patient with hospital treatment. The allocation of journeys such as this to the Ambulance Service would place an added burden on already strained resources and would not be the most efficient use of ambulance vehicles and personnel.

Thanks are due to volunteer drivers, the Hospital Car Service Organiser and her assistants for their ready co-operation in arranging journeys, frequently at literally a moments notice.

PREVENTION OF ILLNESS, CARE AND AFTER-CARE

(Section 28)

Tuberculosis

The services provided for the tuberculous, and in the prevention of tuberculosis, continued much the same as before and details are given in the appended statistical tables, but with effect from 1st January the following services were transferred under the Local Authority Social Services Act, 1970 to the County Council's new Social Services Department:-

Care and After-care work by the Nottinghamshire Care Association
for Tuberculosis and Chest Diseases

Sherwood Village Settlement

Other Illnesses

Particulars of the work undertaken in the year are given in the appended statistical tables, excepting Convalescence holidays for which responsibility also passed to the new Social Services Department as from 1st January 1971. The increases recorded in loans of nursing equipment and chiropody services for the elderly are particularly noticeable.

Information regarding a special self-adjusting bed which became available for loan under the Council's scheme in the year was circulated to all members of the nursing staff so that any patient who might benefit from such a loan in preference to a hospital type bedstead or other similar types may have one. This action was taken after the new self-adjusting model had been included in an exhibition of the Council's welfare services at the Newark Agricultural Show in May, 1971, where it attracted considerable attention. Two of the new beds were subsequently purchased in the year and loaned to patients.

Towards the end of March, due to an outbreak of serum hepatitis in the kidney unit at Lodge Moor Hospital, Sheffield, it became necessary to transfer all patients from there on to home dialysis and urgent action was then taken to arrange home adaptations for three patients from the County Council's area - one in Carlton Urban District and two in Kirkby-in-Ashfield Urban District. At about the same time the adaptation of another home in the North of the County was requested in respect of a patient from the Kidney Unit at St. James' Hospital, Leeds. The County Council then reviewed their arrangements from the point of view of expediting necessary works of this type and eliminating extra anxieties being imposed in an already anxious atmosphere on both patients and their relatives by financial assessments to determine recoverable charges. After due consideration it was resolved to make this a free service except in cases where the value of any property should be enhanced in the adaptation process, e.g. by the building of an extra room. In such cases it was decided that a legal charge should be registered to enable the Council to recover the enhanced value if the property is sold. The Council further accepted a suggestion that in all cases where the County Architect is involved he may proceed with arrangements for home adaptations on a non-competitive price basis. All of the adaptations referred to were completed in the year, and in a further case which arose in the Carlton Urban District the site preparation for a portable unit which had been ordered was almost completed at 31st December.

The increase in chiropody treatments for the elderly is partly accounted for by the transfer as from the 1st October from the Social Services Department to the Health Department of responsibility for chiropody treatments for residents in Old People's Homes. The balance is attributable to the natural growth in the demands on this service in all areas, and the efforts made to meet this despite a continuing shortage of qualified chiropodists throughout the County. For example, it was estimated at 30th September, when the whole-time equivalent of the chiropodists employed on this work totalled twenty-seven, that another five full-time Chiropodists would be needed to fully cover the Department's assessment of total needs. Of the Chiropodists employed at 1st January four died in the year and their cases were then re-allocated to other chiropodists, including one newly-appointed in July and another in November. New clinics were established at North and South Clifton, Ratcliffe-upon-Soar, Norwell and West Bridgford, and in the Health Centres at Bingham and Edwinstowe. The Old People's Welfare Committees at Mansfield Woodhouse and at Worksop notified their intention to discontinue

their "agency" services in the year and arrangements were then made for both to be directly administered, the former from the County Health Clinic at Mansfield Woodhouse and the latter from the new Health Centre at Worksop as from 1st June 1971 and 1st January 1972 respectively. In respect of the chiropody service for the physically handicapped, where free service had previously been subject to individual financial assessment, it was agreed in the year to provide free service automatically for all in receipt of a Social Security Allowance and for those on a full Disability Pension with no other source of income.

Early in the year investigations were completed into the case histories of eleven out of fifteen children from the County who had died from Cancer in 1968, together with an equal number of healthy children selected as match controls for the purpose of this survey. At the request of the Department of Social Medicine, Oxford University, investigations were also begun in the year into the deaths of seventeen more children who had died from Cancer in 1969, and another fourteen such deaths in 1970. Most of these were also completed in the year.

In the week commencing 17th May the Department shared with the City of Nottingham Health Department in a Drug Collection Week in the City and in the adjacent Urban Districts of Arnold, Beeston and Stapleford, Carlton, Hucknall and West Bridgford. The campaign was organised and conducted by a special Working Party which included representatives of the two Health Departments, the Drug Addiction Unit, the Local Medical Committee, the Local Pharmaceutical Committee, the Local Branch of the Pharmaceutical Society of Great Britain, the Nottinghamshire Combined Constabulary and the Nottingham Home Safety Committee. The cost of the campaign, amounting to approximately £250 (excluding some material help voluntarily contributed by members of the Working Party) was mainly spent on publicity, i.e., leaflets, posters and press notices and was shared by the two local health authorities.

Pharmacists throughout the campaign area allowed the use of their premises as collection centres and the Police collected deposited drugs, conveyed them to an assessment centre and then to the disposal centres, and there supervised disposal with a representative of the Health Departments. The Pharmaceutical representatives on the Working Party also advised and organised help with any special drug disposal problem, and with the organisation of an assessment group to examine and report on the drugs collected.

Extensive publicity was organised in addition to local paid advertisements by way of a press conference in the week preceding the actual campaign and through local radio and television and the assessment group reported their assessment of drugs collected (based on a 10% sample by weight for careful scrutiny and identification and a cursory examination of the remainder) as follows:-

Total weight collected	- Approximately 13 cwts (including over 10 cwt handed in by the general public).
Tablets and capsules	- Over a quarter of a million (many bottles contained mixed tablets).
Dispensed drugs	- 88% dispensed; 12% bought over the counter.
Poisons or dangerous drugs	- Included quantities, mainly small, of Arsenic Cyanide Strychnine Morphia Pethidine Deconal Amphetamine - type stimulants Barbiturates

On reviewing the results of this campaign the Working Party offered their services for further similar campaigns in the belief that their efforts on this occasion had been fully justified. There is a possibility that another similar campaign may be held in 1972 but on a whole-County basis and run for two weeks instead of one as it was felt that in 1971 the campaign momentum was gathering as the week ended.

From the figures given on page 76 it will be seen that although there was a decrease in attendance at Cervical Cytology sessions which are held in the main Clinics, this was partly compensated for by an increase in the number of smears taken at factory premises. It is hoped that more requests to visit establishments employing a large number of females will be received in the future as the provision of the Service at places of employment is greatly appreciated by the women and is a satisfactory method of ensuring that staff availability is used to the best advantage. In October, Circulars 33/71 and 34/71 were received from the Department of Health and Social Security with regard to the introduction of a revised national request/record form and arrangements for local schemes of recall at five-yearly intervals for patients who have reached thirty-five years of age. After consultation with the Area Gynaecologist and Pathologist concerned, it was decided not to adopt the revised national form but to review the general arrangements for Cervical Cytology and to give full consideration to instituting a local recall system within the County.

The arrangements made in 1969 and referred to in the Report for that year whereby a designated Health Visitor was made available on request to assist the Consultant Physician for the Nottingham Venereal Diseases Clinics in the follow-up of County contacts and defaulters was continued in 1971. The main problem at these Clinics is, however, in relation to City cases and in the year the County Health Visitor was called upon to follow-up only eight defaulters involving eight home visits, two of which were unsuccessful.

Health Education

A second Assistant Health Education Officer was appointed in April, 1971 to replace the one who left in September 1970 and in the remainder of the year the Health Education Officer and his two Assistants continued to be fully employed on this work. Throughout the year and as in previous years help was given by other members of the field staff of the Department and particulars of the work which was undertaken are set out in the appended statistical tables.

The County Council also made a grant to the Health Education Council at the same rate as for 1970.

In connection with the development proposals mentioned in my previous Report, the Health Centres at Mansfield and at Worksop were equipped in the year with visual aids for use by the Health Visitors and other staff in those areas who attended an In-Service Training Course for one week in May and had subsequent further instruction in the use of the equipment when it was delivered to these two Centres.

Whilst in the year there was little demand from adult organisations for talks on either "Smoking" or "Venereal Diseases", these two important subjects were covered in all health education courses conducted in Schools throughout the County, and in other establishments of further education. Reference was also made to both subjects in talks to adult audiences even though not directly associated with the prime subject. In addition, anti-smoking posters and leaflets were widely distributed at meetings and in the County Health Clinics and Centres, and venereal diseases leaflets to audiences in schools and other educational centres. Films on both subjects were also frequently and similarly used.

Action was also taken in the year in accordance with Circular 33/71 dated 29th June to prohibit smoking in Clinics and Health Centres, and supplies of two special pamphlets on "How to stop smoking" and "Why I should stop smoking" were obtained from the Health Education Council and distributed to general medical practitioners who requested them following Circular ML. 4/71.

NURSING HOMES

The Certificates of Registration for two Nursing Homes, "Craiglea", Kirkby-in-Ashfield, and "Riverside", West Bridgford, were surrendered during the year, the former establishment changing status to an Old Persons' Home under the National Assistance Act, 1948, and in the latter instance the Keeper removed to another area of the County where she proposes to adapt other premises as a Nursing Home. Seven registered Nursing Homes were in operation at the end of the year providing accommodation for 12 maternity and 138 other cases.

None of the Nursing Homes is registered to provide treatment under the Abortion Act, 1967.

NURSING AGENCIES

Early in the year a licence was granted to carry on a Nursing Agency in the Retford area but this was surrendered in September owing to the paucity of private work in that area. The Certificate of Registration issued to a Nursing Agency in Carlton lapsed on the 31st December. Thus at the end of the year there were no Nursing Agencies operating within the County.

FAMILY PLANNING SERVICE

In the first quarter of the year the operation of the Family Planning Service remained unchanged, i.e., fixed clinic sessions were provided in the main urban areas of the county on an agency basis by the Family Planning Association and the Midlands (Family Planning) Advice Association Ltd; a domiciliary service in the Mansfield, Newark and Worksop areas and in districts adjacent to Nottingham employing part-time Medical Officers on a sessional basis; and a scheme whereby the Authority reimburses general practitioners in approved necessitous cases where the woman is unable to attend a clinic and it is considered desirable to maintain the patient/doctor relationship.

The basis of provision in each scheme was that examination, advice and supplies were made available free of charge in medical cases where a further pregnancy would be detrimental to the woman's health and also in recommended social cases where a further pregnancy would produce or aggravate a problem family situation. For all such cases the County Council reimbursed the organisation on an agreed basis for consultation, treatment and supplies.

The Family Planning Association then put forward a national agency scheme proposing a standard per capita charge throughout the country and including the following standard definition of "medical case":-

"Any woman whose health in the opinion of the examining doctor would be expected to suffer by the increased mental, physical or social burdens placed on her by pregnancy."

This definition and the agency scheme in general were commended by the County Council's Association, and accordingly the Authority approved that as from 1st April, 1971, the Family Planning Association's agency scheme No.6 should be adopted in that part of the County served by that organisation. Under the scheme

the annual per capita charge per patient irrespective of the number of visits is as follows:-

£4.85 (including supplies) for medical cases

£2.10 where the patient is not prescribed supplies.

No changes were effected in the method of reimbursement to the Midlands (Family Planning) Advice Association Ltd. serving the southern half of the County, or to general practitioners and likewise the domiciliary service remained unchanged.

In Circular 36/71 the Department of Health and Social Security asked Local Authorities who were not providing a comprehensive family planning service to review their provision and develop the service to the extent that resources permitted, concentrating primarily on those people who most need family planning.

Although the service in Nottinghamshire was considered to be quite comprehensive, the provisions of the National Health Service (Family Planning) Act, 1967 had not been fully implemented insofar as free advice and examination were not provided in all cases. It was therefore recommended that the service should be expanded by changing to the Family Planning Association's agency scheme No.5 (under which the County Council would pay for the consultation and advice element in all cases) and that the Midlands (Family Planning) Advice Association Ltd. should be asked to agree their charges on the same basis. The Council agreed that discussions be arranged with the two agencies with a view to an extension of the service on the basis outlined above in the knowledge that the Family Planning Association's per capita charges for 1972/73 would be increased as follows:-

Medical cases - from £4.85 to £5.00 (including supplies)

Non-medical cases - from £2.10 to £2.75 (patient pays for supplies)

The Family Planning Association also offered a new agency scheme for providing a domiciliary family planning service on an annual charge per patient of £13.50. It was considered that the County Council's domiciliary service, supplemented by the scheme for the reimbursement of general practitioners in appropriate instances, was adequate to meet the demands of necessitous domiciliary cases.

ENVIRONMENTAL HEALTH

Water Supply

Local authorities satisfied themselves by regular sampling that the water supply of their areas was maintained at a satisfactorily high standard. Very few samples called for any further enquiry and in all cases reports were satisfactory on subsequent samples. A few cases were reported of "colour" appearing in the supply due, it was believed, to flushing being carried out by the Water Board and further flushing resulted in the clearance of the suspended matter.

Four areas received an improved supply as the result of a main laying scheme carried out during the year.

When two isolated cottages on the fringe of the West Bridgford Urban District received a piped water supply during the year, the event marked a one hundred per cent service to domestic premises in that area.

Fluoridation of Water Supplies

Towards the end of the year the Lincoln and District Water Board commenced fluoridation of water supplied from their Elkesley Pumping Station (East Retford Rural District).

This was the first phase of the scheme which will eventually serve a total population of approximately 225,000 in the areas of the four participating Authorities of which Nottinghamshire's proportion is approximately 45,000.

Milk

Our milk sampling procedure was similar to that of recent years, the sampling of milking herds being confined to those of producer-retailers of "Untreated" milk. The work followed closely the recommendations of Ministry of Health Circular 17/66, samples being taken monthly, mainly for the detection of Brucella organisms.

At the end of 1971 the number of producer-retailers holding licences to sell milk without heat treatment was fifteen. The demand for raw milk seems to decline year by year. As recently as 1968 the number of producer-retailers was almost double the present figure.

Of all the samples taken and examined by the Public Health Laboratory, Nottingham, 193 in all, 7 gave a positive reaction to the milk ring screening test and in 6 cases the presence of Brucella organisms was confirmed.

In all confirmed cases the District Medical Officer of Health is informed to enable him to consider the appropriate preventive action open to him under the Milk and Dairies (General) Regulations 1959.

It is also our practice to sample "Untreated" milk at the farms twice a year for the presence of tuberculosis and all of the 28 samples taken for this purpose during the current year received negative reports.

We are most grateful to the Director of the Public Health Laboratory, Dr. Eric Mitchell, for his valuable co-operation in this and other branches of our work.

The eradication of brucellosis from our dairy herds is, of course, the objective to which we now look forward, and we wish success to the scheme now proceeding towards this goal. I am grateful to the Divisional Veterinary Officer, Mr. W.J. McIlroy, for his report on the progress of the schemes throughout the country and in Nottinghamshire:-

"Brucellosis Accredited Herds Schemes"

A compulsory Brucellosis Eradication Scheme commenced on 1st November, 1971, the initial eradication areas being North-West England, South-West Wales, the Isle of Wight and West Scotland.

Nationally we only have statistical figures for the period ended 30th September 1971. These show that 9.6% of all herds were fully accredited. This involved 1½ million cattle (about 17% of the national herd).

Herds qualifying for accreditation were about 13% of all the herds and again involving a further 1½ million cattle. Therefore the total herds (Attested and Qualifying) is about 22.3% involving 3 million cattle (approximately one third of the national herd.)

In Nottinghamshire 94 applications were received during 1971 for entrance to the Brucellosis Incentives Scheme making a total of 292 since the inception of both the voluntary Brucellosis Schemes.

Thirty-six passed all the required tests to become fully accredited.

At the end of December, 1971 the position was as follows:-

No. of qualifying herds	85
Total No. of Registered Accredited herds	107
Total No. of Accredited Animals	10,999

From these figures we consider that the progress of the Scheme in Nottinghamshire is reasonably in line with the national trend."

The work of milk sampling for all purposes throughout the year is shown in a separate table in the report.

The Public Health Laboratory Service continued its investigation into the incidence of specific organisms occurring in soil and on request the Milk Samplers took representative samples, twelve in all, at farms in the County to assist in this investigation.

Food

There were 48 registered or licenced slaughterhouses in use during 1971. Apart from the four district councils with no slaughterhouses in their area, the distribution is between three Rural Districts with twenty-one, nine Urban Districts with nineteen, and four Boroughs with eight.

The total weight of all food condemned at slaughterhouses or elsewhere as unfit for human consumption exceeded 160 tons.

Food Hygiene

The comments made in recent annual reports on the control of food premises by the work of the Public Health Inspectors could be repeated this year. Shops and mobile premises were reported to have been visited routinely and in their general opinion it is there that helpful contact is established with management and the food handlers employed, and guidance into the requirements of the Food Hygiene Regulations so much more meaningful applied to his or her own place of work.

Literature was distributed freely and talks were given by Public Health Inspectors in some areas to new entrants to the food sections of multiple stores and to most organisations and groups wishing to keep abreast of food control practice.

Some District Councils found it necessary to institute proceedings for offences against food hygiene legislation and five prosecutions were successful. Apart from such instances Public Health Inspectors report that in the majority of cases, unsatisfactory conditions were quickly remedied by informal action.

The hygiene of licenced premises received attention during the year and the need is likely to increase as the practice of "Pint and Platter" develops among the travelling public.

Food Poisoning

Twenty-one incidents were reported of illness attributed to food poisoning involving a total of forty-seven persons. Two outbreaks, involving eleven persons, were considered to be probably due to infection acquired abroad.

Public Cleansing

Within about a year the refuse from the Beeston & Stapleford Urban District will be incinerated at the new Nottingham Corporation plant. Similarly, refuse from the Mansfield Woodhouse Urban District will be received for disposal at the incineration plant of the Mansfield Corporation also under construction. Two highly populated areas in different parts of the county will have solved the growing problems connected with the disposal of refuse on land, the first by early 1973 and the second by the middle of 1972.

The development of the paper sack and the plastic liner systems of refuse storage continued. One Rural District Council extended its sack system to the entire area and were able to introduce and maintain a weekly collection service. Paper sacks seem to have become an automatic choice to serve multi-storey development, an example during the year being a block of seventy flats.

Compression vehicles of extra large capacity - approximately 60 cubic yards - now coming into service permit at least in one area a whole day's work of collection with one delivery to the disposal point at the end of the day.

Drainage and Sewage Disposal

At the end of the year four schemes had been completed, providing a modern system of drainage to seven villages and other systems to make similar provision for three other villages were proceeding.

A sewerage scheme for the outer developed area of an Urban District enabled the existing cesspool system to be abolished - a much welcomed improvement.

In most areas extensions to foul and surface water sewers were necessary to serve new housing and industrial development.

Reconstruction of the old sewers in parts of the larger towns continued during the year and by the increased capacity reduced the risk of flooding in times of heavy rainfall.

Mining subsidence led to the relaying of some lengths of a town's main sewer, and in another district affected the working of a disposal works so that it became increasingly difficult to maintain a high standard of effluent.

The following schemes were submitted to the County Council for consideration during the year in accordance with the provisions of the Rural Water Supplies and Sewerage Acts, 1944/65:-

<u>Scheme</u>	<u>Estimated Cost</u>
<u>Bingham Rural District Council</u>	
Extension of Tollerton Area Sewerage Scheme to include certain properties in Plumtree Park	£9,000
<u>East Retford Rural District Council</u>	
Sturton-le-Steeple and Bole Sewerage Scheme - Wheatley Road extension	£13,532

<u>Scheme</u>	<u>Estimated Cost</u>
<u>Newark Rural District Council</u>	
Besthorpe, Girton and South Scarle Sewerage Scheme	£73,430
<u>Kirkby-in-Ashfield Urban District Council</u>	
Water Main Scheme - Derby Road	£4,250
<u>Newark Rural District Council</u>	
North and South Clifton Sewerage Scheme	£83,177
<u>Air Pollution</u>	

During 1971, three new smoke control areas began to operate in the County area, with a further nine confirmed but not yet operating. Orders were made in respect of five new areas and surveys were taking place in ten others.

At the end of the year, eleven County District Councils were engaged in smoke control programmes.

A number of Public Health Inspectors have operated air monitoring instruments in several parts of their areas for some years and have more than sufficient statistical evidence to demonstrate the value of smoke control.

In a report of the Sutton-in-Ashfield Urban District Council, for example, during the ten years since 1961 the yearly average level of pollution by smoke is seen to have fallen from 180 microgrammes per cubic metre to approximately 80, and the level of sulphur dioxide from approximately 125 microgrammes per cubic metre to well below 80.

The County Council continued their interest in the National Survey of Air Pollution and the monitoring stations at Grove and Rainworth recorded daily levels of smoke and sulphur dioxide throughout the year for the Warren Spring Laboratory, Stevenage.

Smoke Control Areas

Progress Report and the position in England at 31st December 1971

Smokeless Zones (Private Acts) in operation	44
Acres	3400
Premises	41060
Smoke Control Areas Confirmed	3580
Acres	1024850
Premises	5023307
Smoke Control Areas Submitted	87
Acres	36871
Premises	161497

SMOKE CONTROL POSITION IN REGIONS OF ENGLAND

at 31 December 1971

(Figures supplied by the Department of the Environment)

(1) Region	(2) No. of black area acres covered by smoke control orders confirmed or awaiting decision	(3) Percentage of total black area acreage in region covered	(4) No. of black area premises covered by smoke control orders confirmed or awaiting decision	(5) Percentage of total black area premises in the region
Northern	45,690	36.4	180,770	32.6
Yorkshire & Humberside	205,304	54.5	688,792	59.0
East Midlands	73,703	27.5	223,535	43.6
Greater London	260,582	79.7	2,266,946	85.8
North Western	211,265	52.6	881,659	51.8
West Midlands	92,512	37.1	425,162	40.5
South Western	7,505	28.5	28,697	19.3
Total (black areas)	896,561	50.6	4,695,561	60.4
Outside black areas	165,160		489,243	
GRAND TOTALS	1,061,721		5,184,804	

Diseases of Animals (Waste Foods) Order, 1957

From the 1st January 1971 the Department undertook the control of the Diseases of Animals (Waste Foods) Order, 1957, a preventive measure against the spread of disease amongst the pig population by waste food consumed raw.

Broadly stated the requirements are the provision and proper use of equipment for the sterilisation of waste food by boiling before consumption, and all practical measures to ensure that unboiled waste is kept out of contact with animals and birds. A person intending to make use of waste food as defined by the Order is required to hold a licence.

There were 82 pig keepers licenced to boil waste food at the end of the year.

Including revisits during the improvement of premises and equipment and attention to new applicants, 122 visits were necessary for the year's work.

Other Work of the County Health Inspector

The following refer to inspections and investigations by the County Health Inspector not included elsewhere in the Report:-

Day Nurseries	20
Nursing Homes	6
Old People's Homes	1
Offensive Trades	3
Drainage Dykes	2
Refuse Disposal	5
Proposed Swimming Pools	3
Homes of Dialysis Patients	1
Talks to Schools and Colleges	3
Enquiries re Brucellosis in animals	5

Health Services

Summary of Statistics **1971**

ADMINISTRATIVE COUNTY OF NOTTINGHAM

HEALTH SERVICES

SUMMARY OF STATISTICS, 1971

Area in acres (land and inland water, Census 1961)	521,646
Population Census, 1961	591,089
Number of Households, Census 1961	189,679
Average number of persons per household, Census 1961	3.1
Population estimated, June 1971	675,380
Rateable Value	£26,483,910
Estimated product of a new penny rate	£256,111

	<u>County</u>	<u>England & Wales</u>
<u>Mothers and Infants</u>		
Live Births	11,169	783,165
Live Births per 1,000 population : Crude	16.54)	16.0
Corrected	16.04)	
Illegitimate Live Births per cent of total Live Births	7.04	8.38
Still Births	134	9,898
Still Births rate per 1,000 Live and Still Births	11.85	12.0
Total Live and Still Births	11,303	793,063
Infant Deaths	194	13,726
Infant Mortality Rate per 1,000 Live Births	17.37	18.0
Infant Mortality Rate per 1,000 Live Births - Legitimate	17.14	17.0
Infant Mortality Rate per 1,000 Live Births - Illegitimate	20.36	24.0
Neo-Natal Mortality Rate per 1,000 Live Births	12.27	12.0
Early Neo-Natal Mortality Rate per 1,000 Live Births	10.65	10.0
Peri-Natal Mortality Rate (Still Births and Deaths under one week combined per 1,000 total Live and Still Births)	22.38	22.0
Maternal Deaths - including abortion	2	133
Maternal Mortality Rate per 1,000 Live and Still Births	0.18	0.17

							<u>County</u>	<u>England & Wales</u>
<u>Deaths</u> (all ages)								
Number - all causes	...	...	...	...	...	...	6,976	567,345
Death Rate : Crude	...	...	...	...	...	...	10.32)	
Corrected	...	...	...	...	...	...	11.88)	11.6

Tuberculosis Deaths

Number -

All Forms	...	...	...	...	...	...	14	1,438
Pulmonary	...	...	...	...	...	...	13	1,241
Non-Pulmonary	...	...	...	...	...	...	1	197

Death Rate -

All Forms	...	...	...	...	...	...	0.02	0.03
Pulmonary	...	...	...	...	...	...	0.019	0.025
Non-Pulmonary	...	...	...	...	...	...	0.001	0.004

Cancer Deaths

Number	...	...	...	...	...	...	1,444	116,897
Death Rate	...	...	...	...	...	...	2.14	2.4

Principal Causes of Death

								<u>County</u>
Heart Disease	...	...	...	...	...	...	...	2,242
Cancer, Malignant Disease	...	...	...	...	...	...	...	1,444
Cerebrovascular Disease	...	...	...	...	...	...	...	968
Diseases of Respiratory System (excluding Tuberculosis)	...	...	...	...	...	...	...	902
Accidents	...	...	...	...	...	...	...	233

Infant Deaths (County)

Deaths of Infants under one year of age			
	Legitimate	Illegitimate	Total
Male	101	10	111
Female	77	6	83
Total	178	16	194

Live Births

Number of Registered Live Births			
	Legitimate	Illegitimate	Total
Male	5,359	395	5,754
Female	5,024	391	5,415
Total	10,383	786	11,169

Illegitimate Births

Year	No. of Illegitimate Births registered	Rate per 1,000 of the population	Rate per 1,000 Live Births
1960	373	0.64	36.2
1961	469	0.79	44.2
1962	488	0.81	43.2
1963	549	0.90	47.7
1964	603	0.97	50.8
1965	658	1.04	56.1
1966	702	1.09	60.7
1967	743	1.14	63.2
1968	773	1.17	65.7
1969	785	1.18	68.4
1970	752	1.12	67.9
1971	786	1.16	70.37

Distribution of Still Births and of Infant Deaths

	Still Births	Under One Month	Between 1-12 Months	Total
URBAN DISTRICTS				
Mansfield (Borough) ...	7	13	8	28
Worksop (Borough) ...	12	9	8	29
Newark (Borough) ...	1	8	3	12
East Retford (Borough)...	2	2	2	6
Arnold	8	6	2	16
Beeston & Stapleford ...	8	12	2	22
Carlton	9	3	1	13
Eastwood	4	2	1	7
Hucknall	8	6	2	16
Kirkby-in-Ashfield ...	4	5	2	11
Mansfield Woodhouse ...	15	7	6	28
Sutton-in-Ashfield ...	8	7	-	15
Warsop	3	5	1	9
West Bridgford	3	4	-	7
Totals for Urban Districts ...	92	89	38	219
RURAL DISTRICTS				
Basford	8	13	9	30
Bingham	8	8	3	19
Worksop	6	9	2	17
East Retford	4	2	2	8
Newark	3	2	-	5
Southwell	13	14	3	30
Totals for Rural Districts ...	42	48	19	109
WHOLE COUNTY	134	137	57	328

Table of Causes of Death of Children

Under One Year of Age

Cause of Death	Number of Deaths			Rate per 1,000 Live Births
	Urban Districts	Rural Districts	Whole County	
Enteritis and other diarrhoeal diseases	4	1	5	0.45
Meningococcal infection	3	-	3	0.27
Other infective and parasitic diseases	1	-	1	0.09
Benign and unspecified neoplasms	2	-	2	0.18
Other endocrine, etc. diseases	2	-	2	0.18
Meningitis	1	3	4	0.36
Other diseases of nervous system	-	1	1	0.09
Pneumonia	9	4	13	1.16
Bronchitis and emphysema	4	-	4	0.36
Other diseases of the respiratory system	9	3	12	1.07
Intestinal obstruction and hernia	3	2	5	0.45
Other diseases of genito-urinary system	-	1	1	0.09
Congenital anomalies	28	22	50	4.48
Birth injury, difficult labour, etc.	28	17	45	4.03
Other causes of perinatal mortality	30	12	42	3.76
Symptoms and ill-defined conditions	1	1	2	0.18
All other accidents	2	-	2	0.18
Totals	127	67	194	17.37

Birth and Death Rates (Corrected)

	BIRTHS			DEATHS		
DISTRICT	Crude Rate per 1,000 of the Population	Area Compara- bility Factor	Corrected Rate per 1,000 of the Population	Crude Rate per 1,000 of the Population	Area Compara- bility Factor	Corrected Rate per 1,000 of the Population
URBAN DISTRICTS -						
Mansfield (Borough)	15.7	1.02	16.0	11.3	1.02	11.5
Worksop (Borough)	16.7	0.98	16.4	10.7	1.18	12.6
Newark (Borough)	16.5	1.01	16.7	14.0	1.00	14.0
East Retford (Borough) ...	14.7	0.99	14.6	12.4	0.95	11.8
Arnold	17.4	0.94	16.4	8.9	1.19	10.6
Beeston & Stapleford ...	16.0	0.94	15.0	9.8	1.25	12.3
Carlton	16.3	1.00	16.3	9.4	1.17	11.0
Eastwood	18.0	0.97	17.5	9.7	1.28	12.4
Hucknall	18.2	1.01	18.4	11.2	1.22	13.7
Kirkby-in-Ashfield	18.0	0.96	17.3	10.6	1.22	12.9
Mansfield Woodhouse	18.4	0.91	16.7	9.8	1.40	13.7
Sutton-in-Ashfield	15.5	1.02	15.8	11.2	1.18	13.2
Warsop	15.7	1.00	15.7	9.3	1.37	12.7
West Bridgford	12.8	0.97	12.4	14.0	0.83	11.6
Aggregate of Urban Districts	16.3	0.98	16.0	10.8	1.13	12.2
RURAL DISTRICTS -						
Basford	16.7	0.97	16.2	10.0	1.21	12.1
Bingham	16.9	0.86	14.5	8.5	1.10	9.4
Worksop	19.4	0.95	18.4	8.8	1.26	11.1
East Retford	15.9	1.02	16.2	10.6	1.05	11.1
Newark	15.7	0.96	15.1	9.8	1.20	11.8
Southwell	17.5	0.94	16.5	9.1	1.23	11.2
Aggregate of Rural Districts	17.0	0.94	16.0	9.4	1.18	11.1
Whole County	16.5	0.97	16.0	10.3	1.15	11.8
England and Wales	16.0	-	-	11.6	-	-

Vital Statistics for the Year 1971

BOROUGHS AND URBAN DISTRICTS

BOROUGHS AND URBAN DISTRICTS	Area in Acres (land and Inland Water)	Persons per Acre	Separate households at Census 1961	Persons per household at Census 1961	Population Census 1961	Population estimated to the middle of 1971	Live Births			Stillbirths		Maternal Mortality		Deaths under 1 year of age		Deaths			Death Rate from All Tuberculous Diseases per 1,000 of population
							Number	Rate (Crude)	Rate (Corrected)	Number	Rate per 1,000 Live and Stillbirths	No. of Maternal Deaths	Rate per 1,000 Live and Stillbirths	Number	Rate per 1,000 Live Births	Number	Rate (Crude)	Rate (Corrected)	
MANSFIELD (Borough)	7,009	8.0	17,402	3.06	53,218	57,820	910	15.7	16.0	7	7.6	-	-	21	23.1	651	11.3	11.5	-
WORKSOP (Borough)	17,936	2.0	10,771	3.19	34,311	36,110	604	16.7	16.4	12	19.5	-	-	17	28.1	388	10.7	12.7	0.03
NEWARK (Borough)	3,364	7.3	7,932	3.11	24,651	24,540	406	16.5	16.7	1	2.5	-	-	11	27.1	344	14.0	14.0	0.04
EAST RETFORD (Borough)	4,657	4.0	5,809	3.06	17,792	18,340	269	14.7	14.6	2	7.4	-	-	4	14.9	228	12.4	11.8	-
ARNOLD	4,506	7.2	8,912	3.01	26,829	33,130	577	17.4	16.4	8	13.7	-	-	8	13.9	294	8.9	10.6	0.06
BEESTON & STAPLEFORD	6,468	9.9	18,543	3.02	55,995	63,630	1,017	16.0	15.0	8	7.8	-	-	14	13.8	621	9.8	12.3	0.05
CARLTON	4,017	10.7	12,862	3.09	38,815	44,960	731	16.3	16.3	9	12.2	-	-	4	5.5	422	9.4	11.0	0.02
EASTWOOD	1,178	9.7	3,324	3.19	10,607	10,840	195	18.0	17.5	4	20.1	-	-	3	15.4	105	9.7	12.4	-
HUCKNALL	4,032	6.6	7,541	3.09	23,269	26,360	479	18.2	18.4	8	16.4	1	2.0	8	16.7	295	11.2	13.7	-
KIRKBY-IN-ASHFIELD	5,830	3.9	6,928	3.13	21,686	23,590	425	18.0	17.3	4	9.3	-	-	7	16.5	249	10.6	12.9	-
MANSFIELD WOODHOUSE	4,831	4.9	6,216	3.25	20,197	24,810	456	18.4	16.7	15	31.8	-	-	13	28.5	244	9.8	13.7	-
SUTTON-IN-ASHFIELD	10,507	3.9	13,079	3.09	40,441	40,240	623	15.5	15.8	8	12.7	-	-	7	11.2	450	11.2	13.2	0.02
WARSOP	7,171	1.8	3,531	3.29	11,606	12,940	203	15.7	15.7	3	14.6	-	-	6	29.6	120	9.3	12.7	-
WEST BRIDGFORD	3,046	9.3	9,507	2.84	26,973	28,420	365	12.8	12.4	3	8.2	-	-	4	11.0	398	14.0	11.6	-
TOTALS	84,552	5.2	132,357	3.07	406,390	445,730	7,260	16.3	16.0	92	12.5	1	0.1	127	17.5	4,809	10.8	12.2	0.02
																			0.02

Vital Statistics for the Year 1971

RURAL DISTRICTS

RURAL DISTRICTS	Area in Acres (land and inland water)	Persons per Acre	Separate households at Census 1961	Persons per household at Census 1961	Population Census 1961	Population estimated to the middle of 1971	Live Births			Stillbirths		Maternal Mortality		Deaths under 1 year of age		Deaths			Death Rate from Pulmonary Tuberculosis per 1,000 of population	Death Rate from All Tuberculous Diseases per 1,000 of population
							Number	Rate (Crude)	Rate (Corrected)	Number	Rate per 1,000 Live and Stillbirths	No. of Maternal Deaths	Rate per 1,000 Live and Stillbirths	Number	Rate per 1,000 Live Births	Number	Rate (Crude)	Rate (Corrected)		
BASFORD	69,825	1.01	19,278	3.12	60,225	71,050	1,185	16.7	16.2	8	6.7	-	-	22	18.6	710	10.0	12.1	0.01	0.01
BINGHAM	67,583	0.59	7,636	3.29	25,170	39,290	664	16.9	14.5	8	11.9	-	-	11	16.6	333	8.5	9.4	0.02	0.02
WORKSOP	28,515	0.73	5,270	3.39	17,861	21,190	411	19.4	18.4	6	14.4	-	-	11	26.8	186	8.8	11.1	-	-
EAST RETFORD	111,034	0.21	6,536	3.37	22,013	23,700	377	15.9	16.2	4	10.5	-	-	4	10.6	251	10.6	11.1	0.04	0.04
NEWARK	41,550	0.40	4,286	3.17	13,580	16,700	262	15.7	15.1	3	11.3	-	-	2	7.6	164	9.8	11.8	-	0.06
SOUTHWELL	118,587	0.48	14,316	3.20	45,850	57,720	1,010	17.5	16.5	13	12.7	1	1.0	17	16.8	523	9.1	11.2	0.02	0.02
TOTALS	437,094	0.53	57,322	3.22	184,699	229,650	3,909	17.0	16.0	42	10.6	1	0.2	67	17.1	2,167	9.4	11.1	0.02	0.02

Vital Statistics for the Year 1971

WHOLE ADMINISTRATIVE COUNTY

	Area in Acres (land and inland water)	Persons per Acre	Separate households at Census 1961	Persons per household at Census 1961	Population Census 1961	Population estimated to the middle of 1971	Live Births			Stillbirths		Maternal Mortality		Deaths under 1 year of age		Deaths			Death Rate from Pulmonary Tuberculosis per 1,000 of population	Death Rate from ALL Tuberculous Diseases per 1,000 of population
							Number	Rate (Crude)	Rate (Corrected)	Number	Rate per 1,000 Live and Stillbirths	No. of Maternal Deaths	Rate per 1,000 Live and Stillbirths	Number	Rate per 1,000 Live Births	Number	Rate (Crude)	Rate (Corrected)		
URBAN DISTRICTS	84,552	5.22	132,357	3.07	406,390	445,730	7,260	16.3	16.0	92	12.5	1	0.1	127	17.5	4,809	10.8	12.2	0.02	0.02
RURAL DISTRICTS	437,094	0.53	57,322	3.22	184,699	229,650	3,909	17.0	16.0	42	10.6	1	0.2	67	17.1	2,167	9.4	11.1	0.02	0.02
WHOLE ADMINISTRATIVE COUNTY	521,646	1.28	189,679	3.12	591,089	675,380	11,169	16.5	16.0	134	11.9	2	0.2	194	17.4	6,976	10.3	11.8	0.02	0.02

INFANT MORTALITY AND STILL-BIRTH RATES, 1967 - 1971

	Infantile Mortality (All Infants Under One Year)					Neo-Natal Mortality (Infants Under One Month Only)					Early Neo-Natal Mortality (Infants Under One Week Only)					Perinatal Mortality (Stillbirths & Deaths Under One Week)					Stillbirth Rate Per 1,000 Live and Stillbirths				
	1967	1968	1969	1970	1971	1967	1968	1969	1970	1971	1967	1968	1969	1970	1971	1967	1968	1969	1970	1971	1967	1968	1969	1970	1971
	Year																								
England and Wales ...	18.3	18.3	18.0	18.0	18.0	12.5	12.4	12.0	12.0	12.0	10.8	10.5	10.0	11.0	10.0	25.4	24.7	23.0	23.0	22.0	14.8	14.3	13.0	13.0	12.0
Whole County ...	15.7	16.3	16.4	16.8	17.4	11.3	10.2	11.1	10.0	12.3	9.9	8.8	10.0	8.7	10.7	25.5	24.2	21.7	21.8	22.4	15.8	15.6	11.8	13.3	11.9
Aggregate of Urban Districts	14.3	16.4	16.7	15.9	17.5	10.4	9.6	11.2	9.6	12.3	8.7	8.0	10.4	8.4	11.2	25.1	23.5	23.5	21.2	23.5	16.6	15.7	13.2	13.0	12.5
Aggregate of Rural Districts	18.6	16.1	15.8	18.6	17.1	13.1	11.4	10.8	10.9	12.3	12.1	10.2	9.3	9.3	9.7	26.4	25.4	18.4	23.0	20.2	14.4	15.4	9.2	13.9	10.6
Mansfield M.B. ...	14.1	21.7	15.7	22.2	23.1	9.1	13.5	11.2	14.4	14.3	7.1	9.3	10.1	10.0	12.1	28.7	21.5	26.5	18.7	19.6	21.8	12.3	16.5	8.8	7.6
Worksop M.B. ...	11.1	19.8	13.4	17.0	28.1	6.4	6.1	8.4	11.9	14.9	4.8	1.5	8.4	10.2	11.6	7.9	19.5	29.5	25.1	30.8	3.2	18.0	21.3	15.0	19.5
Newark M.B. ...	12.9	31.7	22.6	11.4	27.1	6.4	18.0	15.8	9.1	19.7	6.4	15.8	15.8	6.9	19.7	29.3	29.0	26.8	18.1	22.1	23.1	13.4	11.2	11.3	2.5
East Retford M.B. ...	20.1	3.4	18.7	18.4	14.9	13.4	3.4	7.5	7.4	7.4	13.4	3.4	7.5	7.4	7.4	23.3	26.2	22.1	21.8	14.8	10.0	23.0	14.7	14.5	7.4
Arnold U.D. ...	14.4	8.3	20.9	10.1	13.9	12.4	8.3	15.2	4.0	10.4	8.2	8.3	13.3	4.0	8.7	36.1	24.4	20.7	10.1	22.2	28.0	16.3	7.5	6.0	13.7
Beeston & Stapleford U.D.	12.7	12.8	15.9	13.7	13.8	7.3	5.5	12.4	9.8	11.8	6.4	4.6	11.5	9.8	10.8	23.2	25.0	23.6	24.2	18.5	17.0	20.5	12.2	14.5	7.8
Carlton U.D. ...	11.3	9.5	13.8	10.4	5.5	10.0	4.8	11.3	6.5	4.1	7.5	4.8	10.1	3.9	4.1	25.8	21.1	21.1	14.2	16.2	18.4	16.4	11.2	10.3	12.2
Eastwood U.D. ...	9.2	19.7	13.8	29.9	15.4	9.2	9.9	4.6	19.9	10.3	4.6	9.9	4.6	19.9	5.1	22.6	24.3	9.1	48.3	25.1	18.1	14.6	4.6	29.0	20.1
Hucknall U.D. ...	9.3	25.5	16.3	8.0	16.7	7.5	19.1	14.3	8.0	12.5	7.5	17.0	12.2	8.0	12.5	14.8	27.3	30.1	23.6	28.7	7.4	10.5	18.0	15.7	16.4
Kirkby-in-Ashfield U.D.	13.3	17.9	9.9	26.3	16.5	10.7	15.7	5.0	16.7	11.8	8.0	13.5	2.5	16.7	11.8	23.6	24.4	14.7	39.7	21.0	15.7	11.1	12.3	23.4	9.3
Mansfield Woodhouse U.D.	25.9	14.7	22.2	21.1	28.5	19.4	6.3	15.5	4.2	15.4	19.4	6.3	15.5	4.2	13.2	25.7	24.7	30.6	10.5	44.6	6.4	18.5	15.3	6.3	31.8
Sutton-in-Ashfield U.D.	13.0	16.7	22.1	11.2	11.2	10.1	10.6	11.0	4.8	11.3	8.7	10.6	11.0	4.8	11.2	28.3	28.3	26.4	19.0	23.8	19.8	17.9	15.5	14.2	12.7
Warsop U.D. ...	36.6	22.6	21.6	18.2	29.6	33.0	15.1	8.7	13.6	24.6	25.6	11.3	8.7	13.6	24.6	39.7	22.4	17.2	39.8	38.8	14.4	11.2	8.6	27.3	14.6
West Bridgford U.D.	10.2	9.3	9.9	18.4	11.0	7.7	4.7	7.4	10.5	11.0	7.7	4.7	7.4	7.9	11.0	30.0	13.9	12.3	13.1	19.0	22.5	9.2	4.9	5.2	8.2
Basford R.D. ...	22.5	15.7	20.6	15.9	18.6	15.0	10.5	18.2	9.3	11.0	15.0	7.8	17.3	7.5	7.6	28.0	29.0	24.6	17.6	14.2	13.1	21.3	7.4	10.2	6.7
Bingham R.D. ...	17.0	17.7	10.3	12.7	16.6	13.1	10.9	5.9	4.8	12.0	13.1	10.9	4.4	3.2	9.0	19.5	22.8	15.9	24.8	20.8	6.5	12.1	11.6	21.7	11.9
Worksop R.D. ...	9.7	16.2	14.0	31.0	26.8	7.3	11.5	7.0	20.0	21.9	7.3	11.5	4.6	20.0	14.6	33.0	25.1	18.4	30.7	28.8	25.9	13.7	13.8	11.0	14.4
East Retford R.D. ...	20.5	7.2	23.9	29.3	10.6	12.8	4.8	15.9	17.6	5.3	7.7	4.8	13.3	14.7	2.7	20.2	19.0	13.3	31.7	13.1	12.6	14.2	-	17.3	10.5
Newark R.D. ...	15.9	6.5	9.8	16.4	7.6	15.9	6.5	6.6	6.6	7.6	12.7	6.5	3.3	-	7.6	31.2	22.3	22.5	16.1	18.9	18.7	15.9	19.3	16.1	11.3
Southwell R.D. ...	18.8	22.0	13.2	16.4	16.8	12.6	17.0	6.1	11.3	13.9	11.5	15.0	5.1	11.3	13.9	27.8	26.7	13.1	23.3	26.4	16.5	11.9	8.0	12.2	12.7

Abstract of Vital Statistics

Year	Estimated Population at the middle of the year	Excess of Births over Deaths	Persons per Acre	Separate Families	Persons per Household	Registered Births	Births per 1,000 of the population	Deaths under 1 year per 1,000 Births	Net Deaths	Net Death Rate per 1,000 of the population
1922	386,130	4,177	.74	...	...	8,316	21.5	69	4,139	10.7
1923	388,019	3,763	.74	...	...	8,023	20.6	77	4,260	11.0
1924	391,700	3,715	.75	...	...	8,085	20.6	79	4,370	11.2
1925	393,400	3,373	.75	...	...	7,921	20.1	77	4,548	11.6
1926	398,900	3,310	.75	...	...	7,739	19.4	73	4,429	11.1
1927	408,100	2,984	.78	...	...	7,613	18.6	69	4,629	11.3
1928	422,700	3,549	.81	...	...	7,941	18.8	64	4,392	10.4
1929	429,300	2,242	.82	...	...	7,517	17.5	76	5,095	11.8
1930	439,400	3,261	.84	...	...	7,746	17.6	62	4,485	10.2
1931	447,900	2,617	.86	*109,674	3.9	7,695	17.2	72	5,078	11.3
1932	451,600	2,321	.86	...	...	7,534	16.7	66	4,713	10.4
1933	444,970	2,036	.86	...	...	6,945	15.5	68	4,909	10.9
1934	448,500	2,395	.87	...	...	7,042	15.7	54	4,647	10.4
1935	453,500	2,382	.86	...	...	7,083	15.6	56	4,701	10.4
1936	459,000	2,005	.88	...	...	7,033	15.3	58	5,028	10.9
1937	465,800	2,218	.89	...	...	7,318	15.7	59	5,100	10.9
1938	470,900	2,796	.90	...	...	7,549	16.0	46	4,753	10.1
1939	(478,200a 479,900b)	2,511	.91	...	...	7,847	16.4	51	5,336	11.1
1940	483,240	1,735	.92	...	...	7,610	15.7	58	5,875	12.2
1941	492,750	2,501	.94	...	...	7,954	16.1	62	5,453	11.1
1942	481,200	3,755	.92	...	...	8,659	18.0	48	4,904	10.2
1943	472,300	3,946	.90	...	...	9,255	20.2	47	5,309	11.2
1944	474,960	5,125	.91	...	...	10,343	21.8	47	5,218	11.0
1945	475,910	4,068	.91	...	...	9,096	19.1	44	5,028	10.5
1946	495,620	4,693	.95	...	...	10,001	20.2	41	5,308	10.7
1947	505,690	5,114	.97	...	...	10,673	21.2	41	5,559	11.0
1948	518,300	4,483	.99	...	...	9,486	18.3	42	5,003	9.6
1949	523,160	3,562	.99	...	...	9,098	17.4	32	5,536	10.6
1950	533,870	3,114	1.01	...	...	8,683	16.3	34	5,571	10.4
1951	535,800	2,547	1.02	156,581	3.4	8,551	15.9	29.4	6,004	11.2
1952	(535,410 [†] 534,400 ^ø)	3,244	1.02	...	...	8,515	15.9	29.3	5,271	9.8
1953	541,400	3,168	1.04	...	...	8,625	15.9	29.3	5,457	10.1
1954	545,900	3,115	1.05	...	...	8,601	15.7	28.1	5,486	10.0
1955	550,600	3,140	1.05	...	...	8,718	15.8	27.2	5,578	10.1
1956	554,800	3,171	1.06	...	...	8,906	16.0	24.6	5,735	10.3
1957	563,300	3,878	1.08	...	...	9,372	16.6	23.8	5,494	9.8
1958	569,800	3,703	1.09	...	...	9,685	17.0	20.8	5,982	10.5
1959	575,400	4,082	1.10	...	...	9,964	17.3	21.0	5,882	10.2
1960	583,730	4,362	1.12	...	...	10,295	17.6	23.0	5,933	10.2
1961	593,270	4,328	1.14	189,679	3.1	10,600	17.9	17.7	6,272	10.6
1962	602,160	4,770	1.15	...	...	11,296	18.8	22.0	6,526	10.8
1963	610,970	5,116	1.17	...	...	11,515	18.8	20.1	6,399	10.5
1964	623,190	5,532	1.19	...	...	11,866	19.0	19.8	6,334	10.2
1965	634,320	5,419	1.22	...	...	11,732	18.5	18.2	6,313	10.0
1966	644,000	5,052	1.23	...	...	11,565	18.0	18.2	6,513	10.1
1967	652,710	5,525	1.25	...	...	11,750	18.0	15.7	6,225	9.5
1968	659,400	4,842	1.26	...	...	11,772	17.9	16.3	6,930	10.5
1969	666,640	4,560	1.28	...	...	11,476	17.2	16.4	6,916	10.4
1970	669,730	4,973	1.28	...	...	11,064	16.5	16.8	7,091	10.6
1971	675,380	4,193	1.29	...	...	11,169	16.5	17.4	6,976	10.3

* Adjusted figures owing to alteration in area under the Nottingham Corporation Act, 1932, as from the 1st April, 1933.
a Population figures for calculation of Birth Rates.
b Population figures for calculation of Death Rates and incidence of notifiable diseases.
[†] Special constructed figure supplied by Registrar-General in consequence of change of boundaries.
^ø Actual mid-year population.

[illegible]

CAUSES OF DEATH AT
DIFFERENT PERIODS
OF LIFE in 1971.

CHILD HEALTH, ANTE AND POST NATAL CLINICS

Location	Child Health		Ante and Post Natal	
	Sessions per four weeks	Average attendance per session	Sessions per four weeks	Average attendance per session
East Retford M.B.				
/Chancery Lane	8	37		
/Ordsall	4	28		
Mansfield M.B.				
/St. John Street	4	14	4	8 M
/Abbott Road	8	17		
/Hermitage Avenue	4	23		
Pleasley	4	12		
St. Lawrence	4	30		
Newark M.B.				
The Friary	8	38	4	9 M
/Hawtonville	8	44		
Worksop M.B.				
/Newgate Street	8	25		
Kilton	2	5		
/Manton	4	26		
Shireoaks	2	22		
Arnold U.D.				
/High Street	12	40		
Killisick	4	28		
Plains Road	4	17		
Woodthorpe	4	31		
Beeston & Stapleford U.D.				
Attenborough	4	44		
/Dovecote Lane	8	34	2	10
- do -	-	-	4	5 M
Bramcote	2	16		
/Inham Nook	8	33		
/Stapleford	8	52	2	12
- do -	-	-	4	10 M
Toton	4	54		

/ purpose-built Clinics

M Midwives' Clinic

Child Health, Ante and Post Natal Clinics - continued

Location	Child Health		Ante and Post Natal	
	Sessions per four weeks	Average attendance per session	Sessions per four weeks	Average attendance per session
Carlton U.D.				
Park House	12	31	4	7
- do -	-	-	4	23 M
Colwick	2	40		
Oakdale Road	4	18		
Phoenix Farm Estate	2	45		
Porchester	8	28		
Standhill Road	4	41		
Valley Road	2	40		
Eastwood U.D.				
/Nottingham Road	8	42		
Hucknall U.D.				
/Watnall Road	8	34	4	38
Fire Station	4	37		
Kirkby-in-Ashfield U.D.				
/Urban Road	8	34		
Mansfield Woodhouse U.D.				
Park Road	8	47		
/Forest Town	8	33		
Sutton-in-Ashfield U.D.				
/New Street	8	55		
/Huthwaite	4	62		
Skegby	2	39		
Stanton Hill	4	18		
Warsop U.D.				
Town Hall	8	31	4	16 M
Warsop Vale	2	16		
Welbeck C.V.	2	30		
West Bridgford U.D.				
Millicent Road	4	47		
Alford Road	4	17		
Pierrepont Road	4	35		
Boundary Road	4	26		
Melton Road	4	39	4	19

/ purpose-built Clinics

M Midwives' Clinics

Child Health, Ante and Post Natal Clinics - continued

Location	Child Health		Ante and Post Natal	
	Sessions per four weeks	Average attendance per session	Sessions per four weeks	Average attendance per session
Basford				
Awsorth	4	35		
Bestwood	2	22		
Brinsley	4	31		
Burton Joyce	4	32		
†Calverton	8	36		
†East Leake	4	17	2	3
Gotham	2	22		
Jacksdale	4	14		
Kimberley	4	38	4	16
Lambley	2	19		
Newstead	4	22		
Nuthall	4	26		
Papplewick	2	20		
*Ruddington	4	51		
Selston	4	31		
Sutton Bonington	2	23		
Trowell	4	20		
Willoughby	2	6		
Woodborough	2	26		
Bingham R.D.				
†Bingham	4	47		
†Cotgrave	4	38		
Cropwell Bishop	2	12		
*East Bridgford	2	31		
Hickling	1	12		
†Keyworth	8	38		
Kinoulton	1	10		
Langar	2	12		
Newton	2	26		
Orston	1	13		
Radcliffe-on-Trent	4	38		
Tollerton	2	29		

† Purpose-built Clinics

* General Practitioner's Clinic

Child Health, Ante and Post Natal Clinics - continued

Location	Child Health		Ante and Post Natal	
	Sessions per four weeks	Average attendance per session	Sessions per four weeks	Average attendance per session
East Retford R.D.				
Dunham-on-Trent	2	14		
Elkesley	2	14		
Gringley-on-the-Hill	2	20		
Mattersey	2	18		
Misterton	4	34		
Ranskill	2	19		
South Leverton	2	36		
Tuxford	4	30		
Woodbeck	2	27		
Newark R.D.				
†Balderton	8	36		
Coddington	2	34		
Collingham	2	39		
Farndon	2	27		
Syerston	2	26		
Southwell R.D.				
Bilsthorpe	4	47		
†Blidworth	4	32		
†Clipstone	4	19		
†Edwinstowe	4	30		
*Farnsfield	2	29		
Lowdham	4	22		
North Muskham	2	22		
†Ollerton	8	46		
Rainworth	8	28		
Ravenshead	4	60		
*Southwell	4	52		
Sutton-on-Trent	2	31		
Worksop R.D.				
Blyth	2	13		
†Carlton-in-Lindrick	4	35		
Harworth	8	37	4	14
†Langold	2	17		
Welbeck	2	16		

† Purpose-built Clinics

* General Practitioners' Clinic

WELFARE FOODS SERVICE - ISSUES

Quarter ended	National Dried Milk packets	Cod Liver Oil bottles	Vit. A & D tablets packets	Orange Juice bottles	Children's Vit. Drops bottles
3rd April	3,468	2,762	3,713	51,576	-
26th June	3,178	1,840	2,355	43,988	235
25th September	4,392	766	2,348	53,329	2,255
25th December	4,791	166	2,270	52,527	7,315
Total for 1971	15,829	5,534	10,686	201,420	9,805

ANTE-NATAL AND POST-NATAL CLINICS

Year	ANTE-NATAL			POST-NATAL			No. of cases referred to Consultants	No. of cases referred for X-ray examination
	First Attendances	Total Attendances	Medical Consultations	First Attendances	Total Attendances	Medical Consultations		
1967	2,610	9,812	7,455	379	480	485	98	2
1968	3,002	10,662	6,866	380	564	512	71	2
1969	2,170	8,834	6,370	237	398	345	40	1
1970	2,769	9,993	5,602	173	393	382	18	3
1971	2,460	8,715	4,584	235	403	383	19	1

RELAXATION INSTRUCTION FOR EXPECTANT MOTHERS

Year	No. of Clinics at which Courses provided	No. of expectant mothers attended	Total Attendances
1967	34	2,658	15,080
1968	37	2,797	15,557
1969	37	2,814	15,755
1970	37	2,699	15,225
1971	37	2,969	16,579

MATERNITY HOSPITAL ACCOMMODATION

Year	SOCIOLOGICAL CASES							No. of cases referred to Hospitals on account of abnormalities ascertained at A.N.C.'s.
	APPLICATIONS RECEIVED			No. of Cases referred to Hospital	Applications withdrawn	Applications not supported		
	From G.P.'s	From A.N.C.'s	Total					
1967	1,460	134	1,594	1,360	141	93	100	
1968	1,551	122	1,673	1,474	134	65	73	
1969	1,365	104	1,469	1,299	122	48	41	
1970	1,468	85	1,553	1,417	93	43	19	
1971	1,264	53	1,317	1,164	105	48	14	

CHILD HEALTH CLINICS

Year	No. of Clinics in Operation	No. of Sessions per month	First attendances during year			Total Attendances	Medical Consultations
			Under 1 year	Aged 1-2	Aged 2-5		
1967	104	485	9,634	7,594	10,713	184,150	29,087
1968	108	485	9,511	7,737	10,978	183,882	33,691
1969	108	459	8,840	8,535	9,327	181,351	24,097
1970	109	455	8,793	7,706	8,249	179,190	22,596
1971	110	461	9,144	7,897	7,203	186,376	23,479

CHILDREN WITH CONGENITAL MALFORMATIONS NOTIFIED AT BIRTH

	1965	1966	1967	1968	1969	1970	1971
	Monthly Total	Monthly Total	Monthly Total	Monthly Total	Monthly Total	Monthly Total	Monthly Total
January	19	13	13	12	14	21	27
February	24	27	21	19	22	21	24
March	19	16	10	19	13	31	25
April	18	21	13	10	19	27	25
May	16	12	20	19	12	21	19
June	14	28	18	20	24	18	12
July	22	12	14	14	17	12	18
August	16	14	16	21	12	16	13
September	18	8	11	14	24	20	11
October	20	19	18	19	15	23	12
November	12	12	19	10	20	26	13
December	16	17	14	8	15	10	18
TOTAL	214	199	187	185	207	246	217
Total live and still-births	11,923	11,749	11,939	11,958	11,613	11,213	11,303
Incidence per 1,000 Total Births	17.9	16.9	15.7	15.5	17.8	21.9	19.2
National Incidence	18.91	19.0	20.0	20.0	17.3	17.6	Not available.

OPHTHALMIC CLINICS

Year	No. of Ophthalmic Clinics	No. of pre-School Children referred by M.O.'s in Dept.	No. of cases in which spectacles prescribed
1967	15	1,141	124
1968	13	1,211	144
1969	13	1,009	103
1970	13	791	75
1971	13	754	88

DENTAL TREATMENT

Treatment carried out on behalf of Expectant and Nursing Mothers and Children under school age

	Scaling and gum treatment (1)	Fillings (2)	Silver nitrate treatment (3)	Crowns and inlays (4)	Extractions (5)	General anaesthetics (6)	Dentures provided			Radio- graphs (9)
							Full upper or lower (7)	Partial upper or lower (8)		
1. Expectant and nursing mothers	68	255	NIL	3	185	7	49			10
2. Children aged under 5 years and not eligible for school dental service	57	881	102	NIL	789	218	NIL	NIL		4

MIDWIVES

Year	No. of Midwives who notified intention to practise	No. of midwives practising at end of year						No. of midwives attending refresher courses		
		County Midwives		District Nurses Midwives	Hospital Midwives	Midwives in private practice	Total	County Midwives	District Nurses Midwives	Total
		F/T	P/T							
1967	220	69	13	62	54	1	199	12	10	22
1968	215	65	14	59	51	2	191	18	9	27
1969	219	61	13	59	64	1	198	18	13	31
1970	221	60	11	59	66	1	197	14	12	26
1971	230	59	13	58	68	-	198	10	9	19

F/T Full-time

P/T Part-time

VISITS BY COUNTY MIDWIVES AND DISTRICT NURSES/MIDWIVES

Year	Ante-Natal						Delivery		Lying-in		Total	
	Home			Clinic								
	C.M.	D.N.M.	C.M.	D.N.M.	C.M.	D.N.M.	C.M.	D.N.M.	C.M.	D.N.M.	C.M.	D.N.M.
	1967	38,992	12,211	2,224	1,105	3,492	1,085	76,207	26,169	120,915	40,570	
1968	33,344	12,190	2,547	1,165	3,040	1,035	74,707	25,632	113,638	40,022		
1969	29,066	10,125	2,559	1,366	2,666	952	70,122	23,927	104,413	36,370		
1970	29,647	9,935	2,843	1,440	2,352	870	66,745	23,921	101,587	36,166		
1971	27,189	8,911	3,022	1,688	1,991	748	66,555	26,008	98,757	37,355		

CM - County Midwives

DNM - District Nurses/Midwives

DELIVERIES ATTENDED BY MIDWIVES

Year	Domiciliary Cases													Cases in Nottinghamshire Institutions		Cases delivered in hospital in care of Midwives before 10th day	
	Doctor not booked						Doctor booked										
	Doctor present			Doctor not present			Doctor present			Doctor not present				Hospitals	Private Nursing Homes		
	D.N.M.		P.P.M.	C.M.		D.N.M.	C.M.		D.N.M.	P.P.M.	C.M.		D.N.M.				P.P.M.
	D.M.																
1967	2	2	-	83	58	-	560	190	1	2,847	835	1	3,820	-	4,853		
1968	1	4	-	43	71	-	538	207	-	2,458	753	2	3,542	-	5,504		
1969	2	1	-	20	57	-	388	164	-	2,256	730	-	3,621	-	5,663		
1970	2	1	-	25	15	-	293	142	-	2,032	712	-	3,655	-	6,106		
1971	1	2	-	11	9	-	266	93	-	1,713	644	-	3,935	-	6,927		

C.M. - County Midwives

D.N.M. - District Nurses/Midwives

P.P.M. - Privately Practising Midwives

HEALTH VISITING

Year	First visits to children under 1 year	Revisits to children Under 1 year	Visits to children aged 1-2 years	Visits to children aged 2-5 years	Visits to Expectant Mothers	Visits to Post-Natal Mothers	General Health Visiting	Unsuccessful Visits	Total
1967	12,107	25,118	38,160	71,364	7,135	10,846	17,532	25,138	207,400
1968	12,423	26,135	39,973	73,230	6,862	11,400	16,288	26,288	212,599
1969	11,643	22,243	34,029	56,695	4,980	10,176	18,026	21,182	178,974
1970	11,335	21,434	32,282	59,601	3,995	9,820	20,039	23,338	181,844
1971	11,556	18,771	30,664	56,015	3,932	9,964	24,056	22,814	177,772

This table does not include visits by Health Visitors to Tuberculous cases.

HOME NURSING

Year	CASES ATTENDED			No. of Visits	Average No. of Visits per case
	Under 5	Over 65	Total		
1967	189	5,734	9,205	260,088	28
1968	251	5,602	9,277	261,186	28
1969	245	6,892	9,712	262,091	27
1970	253	8,028	10,286	278,064	27
1971	271	8,740	13,047	295,510	23

VACCINATION AND IMMUNISATION

Type of Prophylaxis	Year	No. who completed a Primary Course				No. (all Groups) given a Reinforcement Dose
		Age Under 1 year	Age 1 year	Aged 2-15 years	Total under 16 years	
Diphtheria	1967	4,107	5,825	2,558	12,490	17,437
	1968	3,966	6,039	1,263	11,268	16,406
	1969 #	992	5,071	948	7,011	13,014
	1970 #	755	6,941	1,877	9,573	11,576
	1971 #	712	7,169	2,428	10,309	11,986
Whooping Cough	1967	4,088	5,790	1,904	11,782	9,238
	1968	3,952	6,007	805	10,764	9,025
	1969 #	989	5,051	690	6,730	6,086
	1970 #	754	6,918	1,598	9,270	4,073
	1971 #	712	7,138	2,180	10,030	2,729
Tetanus	1967	4,103	5,813	2,768	12,684	16,762
	1968	3,960	6,044	1,794	11,798	16,890
	1969 #	992	5,077	1,364	7,433	13,553
	1970 #	758	6,945	2,364	10,067	12,315
	1971 #	717	7,175	2,831	10,723	12,671
Poliomyelitis	1967	3,172	6,692	2,556	12,420	11,189
	1968	3,145	6,592	1,565	11,302	10,989
	1969 #	949	5,556	1,171	7,676	10,862
	1970 #	707	7,043	2,047	9,797	10,488
	1971 #	730	7,342	2,544	10,616	11,691
Measles	1967	5	47	43	95	-
	1968	114	1,634	9,423	11,171	-
	1969	5	1,225	4,968	6,198	-
	1970	13	3,582	7,971	11,566	-
	1971	24	4,692	5,760	10,476	-
Rubella	1970	-	-	3,505	3,505	-
	1971	-	-	7,593	7,593	-

Revised schedule of immunisation procedures adopted from 1st January, 1969 providing for completion of primary courses at 12-14 months instead of 6-11 months as before.

AMBULANCE SERVICE

Patients carried and Mileages in year

Station	Patients Carried	Total Mileage
Nottingham Group:		
Arnold*	15,122	70,010
Beeston	28,238	140,334
Carlton	26,321	119,735
Eastwood*	14,702	94,979
Hucknall	21,580	120,439
West Bridgford	28,975	186,636
Mansfield	56,532	303,010
Sutton-in-Ashfield*	25,810	101,053
Newark	24,150	159,012
Retford	21,735	158,895
Worksop	24,597	155,917
Totals 1971	287,762	1,610,020
The figures for 1970 for comparison are as follows	264,350	1,490,343

The three Stations indicated by an asterisk operate on a 16 hour basis and all other Stations on a 24 hour basis.

Categories of Patients carried

Year	Accident	Emergency	Treatment	Other	Total
1966	6,660	9,381	212,774	2,175	230,990
1967	7,289	9,587	223,750	7,071	247,697
1968	6,986	10,546	233,433	11,689	262,654
1969	7,550	11,078	234,432	11,289	264,349
1970	7,832	11,795	233,978	10,745	264,350
1971	7,988	11,919	251,582	16,273	287,762

Vehicles (by categories) and mileage

Year	AMBULANCES		DUAL-PURPOSE VEHICLES		TOTAL MILEAGE
	No.	Mileage	No.	Mileage	
1966	34	611,686	32	768,226	1,379,912
1967	35	662,163	32	756,300	1,418,463
1968	37	708,069	33	786,457	1,494,526
1969	38	732,988	33	773,983	1,506,971
1970	38	752,831	34	737,512	1,490,343
1971	38	808,137	36	801,883	1,610,020

Staff

Designation	Establishment	Number Employed at 31.12.71.
County Ambulance Officer	1	1
Deputy County Ambulance/Training Officer	1	1
Station Superintendents	4	4
Station Officers	7	7
Shift Leaders	38	38
Driver/Attendants	183	170
Clerical	4	4
Control Officer	1	1
Control Assistants	14	14
	253	240

Hospital Car Service

(The figures in brackets are in respect of 1970)

Number of Drivers enrolled	94	(105)
Number of Patients carried	9,906	(12,263)
Number of miles	282,103	(302,369)
Average number of miles per patient	28.5	(24.7)
Cost of mileage	£11,654.18	(£10,867 2s. 8d.)
Cost per patient	£1.18	(17s. 9d.)

PREVENTION OF ILLNESS, CARE AND AFTER-CARE

Tuberculosis

Notifications and Clinic Registers

Year	New cases notified			Pulmonary incidence rate per 1,000 pop'n	Cases on Chest Clinic registers at 31st December*		
	Pul.	Non-pul.	Total		Pul.	Non-pul.	Total
1967	117 (5)	25	142 (5)	0.18	1,894	155	2,049
1968	117 (4)	37 (2)	154 (6)	0.18	1,759	145	1,904
1969	80 (9)	19 (2)	99 (11)	0.12	1,587	159	1,746
1970	70 (5)	22 (1)	92 (6)	0.10	1,530	139	1,669
1971	93 (4)	25 (1)	118 (5)	0.14	1,368	118	1,486

* Not including County cases attending Out-County Chest Clinics.

() Cases not notified before death included in totals.

Contact Examinations and B.C.G. Vaccination

Year	Contacts seen at Chest Clinics			Protection of School children and Students			
	New contacts examined	No. found tuberculous	No. Vaccinated with B.C.G.	No. skin tested	No. found positive	No. found negative	No. Vaccinated with B.C.G.
1967	1,147	24	539	9,267	1,255	7,530	7,492
1968	1,325	22	607	6,769	625	5,876	5,858
1969	1,101	9	580	8,197	1,010	6,814	6,768
1970	1,107	16	568	8,306	852	7,087	7,049
1971	1,229	21	528	10,848	935	9,343	9,064

Other Preventive, Care and After-Care Work

Year	Protection of Children against Tuberculosis		Follow-up of long-stay Immigrants	
	Staff candidates X-rayed	Staff X-rayed	Arrivals advised	Success- fully visited
1967	936	161	103	77
1968	1,017	14	96	66
1969	1,182	-	60	45
1970	1,086	24	74	66
1971	877	-	49	32

() Non-tuberculous cases included in totals

OTHER ILLNESSES

Loan of larger items of home nursing equipment
(i.e. excluding smaller articles issued from District Nurses'
"loan cupboards")

Year	No. of cases assisted in the year	Articles loaned							Articles on charge at 31st December
		Beds and Cots	Mat-tresses	Com-modes	Walk-ing Aids	Wheel Chairs	Others	Total	
1967	1,601	128	160	523	316	477	871	2,475	3,639
1968	1,476	102	125	527	363	520	834	2,471	3,856
1969	1,716	121	139	485	549	510	1,057	2,861	4,092
1970	1,729	144	157	526	590	540	859	2,816	4,396
1971	1,889	157	159	613	652	661	1,195	3,437	4,981

Chiropody Services

Year	Treatments given in the year					Patients registered for treatment at 31st December	
	at Sessions or Surgeries		by home visits		Total		
	The Elderly	Physically Handicapped	The Elderly	Physically Handicapped		The Elderly	Physically Handicapped
1967	53,182	183	19,442	295	73,102	12,334	132
1968	52,583	260	16,933	363	70,139	12,933	244
1969	54,572	264	17,110	317	72,263	13,546	139
1970	56,116	190	18,004	357	74,667	14,553	176
1971	60,686*	216	19,970	458	81,330*	16,201*	198

* Including residents in Old People's Homes from 1st October, 1971

Co-operation with Hospital Services

Year	Cases specially followed-up at request of Hospital Social Workers	Work of Geriatric Nurses* (attached to Consultant Geriatricians)		Work of Nurses employed(†) and attached to Hospital Diabetic Clinics	
		New Cases referred	Home visits undertaken	New Cases referred	Home visits undertaken
1967	70	998	2,361	326	825
1968	89	1,064	2,146	259	805
1969	80	1,113	2,324	298	1,102
1970	102	1,209	2,317	289	1,064
1971	73	1,091	2,358	241	1,110

* First whole-time Nurse employed in 1961; second September 1963; third (part-time) June 1965.

† Two whole-time Nurses employed since 1965.

Venereal Diseases

Treatment of County Cases at all Centres

Year	No. of cases dealt with for the first time at Treatment Centres			
	Syphilis	Gonorrhoea	Other Conditions	Total
1967	27	207	851	1,085
1968	14	197	934	1,145
1969	20	303	1,146	1,469
1970	15	292	1,198	1,505
1971	10	317	1,498	1,825

Cervical Cytology

Year	No. of Clinics		Sessions held		Cases seen		Cases recalled for further examination	Cases referred for gynaecological opinion
	*L.A.	Factory	*L.A.	Factory	*L.A.	Factory		
1967	13	1	588	1	9,413	23	42	69
1968	16	3	559	11	11,098	371	40	48
1969	17	5	484	19	9,382	791	36	53
1970	18	3	431	7	10,609	233	41	47
1971	16	7	445	33	9,114	1,210	54	39

* L.A. ... Local Authority

HEALTH EDUCATION

Meetings

Year	Addressed by			Audiences addressed				
	Health Education Officers	Others	Total	Men	Women	Boys	Girls	Total
1967	681 (389)	123 (6)	804 (395)	1,183	8,463	4,310	5,769	19,725
1968	700 (370)	130 (19)	830 (389)	1,107	8,691	3,865	6,617	20,280
1969	637 (308)	96 (1)	733 (309)	994	7,537	6,748	8,478	23,757
1970	713 (356)	102 (17)	815 (373)	1,061	6,352	5,548	8,240	21,201
1971	557 (313)	83 (4)	640 (317)	854	5,054	5,078	6,678	17,664

() Relaxation Classes included in totals.

Material used

Year	Films		Leaflets issued	Posters issued	Exhibitions & Displays	
	No. used	Times shewn			No. staged	Subjects covered
1967	72	667	88,216	707	68	14
1968	58	701	111,076	156	35	12
1969	38	701	39,862	306	17	9
1970	37	778	27,155	430	3	2
1971	31	548	24,085	344	4	1

NATIONAL ASSISTANCE ACTS, 1948 and 1951

(1) Incidence of Blindness

(a) Follow-up of Registered Blind and Partially Sighted Persons

(i) Number of cases registered during the year in respect of which para. 7 (c) of forms B.D.8 recommends:-	Cause of Disability			
	Cataract	Glaucoma	Retrolental Fibroplasia	Others
(a) No treatment	3	1	-	45
(b) Treatment (medical, surgical or optical)	20	4	-	39
(c) Treatment (Hospital supervision)	11	20	-	50
(ii) Number of cases at (i) (b) above which on follow-up action have received treatment	11	2	-	27

(b) Ophthalmia Neonatorum

(i) Total number of cases notified during the year	Nil
(ii) Number of cases in which:-	
(a) Vision Lost	Nil
(b) Vision Impaired	Nil
(c) Treatment continuing at end of year	Nil

(2) Epileptics and Spastics

Cases registered with the County Council for Welfare Services under the National Assistance Act, 1948:-

Epileptics	113
Cerebral Palsy	117
Epilepsy and Cerebral Palsy	4

INFECTIOUS DISEASES NOTIFIED (excluding Tuberculosis)

Disease	Number of Cases Notified				
	1967	1968	1969	1970	1971
Scarlet Fever	303	222	229	250	220
Whooping Cough	193	80	37	181	61
Measles	6,080	4,192	823	5,987	469
Acute Poliomyelitis (paralytic)	-	-	-	-	-
" " (non-paralytic)	-	-	-	-	-
" Encephalitis (infective)	-	1	-	1	-
" " (post-infectious)	1	-	2	2	1
Meningococcal Infection	3	8	6	8	7
Dysentery	342	111	281	128	100
†Puerperal Pyrexia	1	5	-	-	-
Ophthalmia Neonatorum	-	-	1	2	-
†Acute Pneumonia	52	57	-	-	-
Food Poisoning	21	45	68	67	41
†Erysipelas	12	12	-	-	-
Typhoid Fever	-	-	1	-	-
Paratyphoid Fever	-	-	2	-	1
Malaria (believed contracted abroad)	-	-	1	-	1
*Infective Jaundice	-	73	107	361	508

* Notifiable as from 15th June, 1968.

† Not notifiable after 1st October, 1968.

FOOD AND DRUGS ACT

Milk Sampling by County Officers

Year	MIXED HERD SAMPLES										SCHOOL MILK SAMPLES		
	Farms involved	Cows involved	Tuberculosis				Brucellosis			Number submitted	Not tested *	Not conforming to standard†	
			Number submitted	Not tested	Positive on biological examination	Number submitted	Not tested	Positive on biological examination	Phospho-tase test			Methylene Blue test	
1967	529	12,276	38	2	-	436	3	4	196	9	-	2	
1968	299	8,092	37	1	-	231	5	1	64	-	-	-	
1969	344	8,752	31	-	-	285	1	2	48	-	-	6	
1970	294	7,428	22	-	-	253	-	1	43	-	-	3	
1971	231	5,602	28	3	-	193	2	6	48	-	-	4	

* Samples "not tested" are those which in accordance with the provisions of the Milk (Special Designations) (Pasteurised and Sterilised Milk) Regulations were not submitted to the Methylene Blue Test as the atmospheric shade temperature exceeded 65°F.

† A sample which does not conform to the required standard is subjected to investigation.

NOTTINGHAMSHIRE COUNTY COUNCIL

Annual Report

of the

PRINCIPAL SCHOOL MEDICAL OFFICER

1971

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Vice-Chairman

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Ex-Officio

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ALDERMAN SIR FRANK SMALL, C.B.E., D.L., J.P.

COUNCILLOR J. T. LESTER

Aldermen

BARTLAM, R. A.

BROOKS, D. A.

CROCKER, H. J.

POLLARD, B.

PUGH, MRS. A.

RUDDER, F. N.

SHARRARD, MRS. B.

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BOSWORTH, A. H.

BROWN, S.

CAIRNS, W. Y. E.

DE LACY, M. H.

DODD, C. H.

EDWARDS, W. F.

FARR, E. S.

FOSTER, G. G.

GREEN, A.

HALFNIGHT, N. W.

HOLE, MRS. M. I. L.

HUDSON, E. R.

JENKINS, R. D.

McNEILL, G. A.

MEAD, A.

MINCKLEY, MRS. C.

MORRIS, W. J.

MUMBY, A. G.

NAIRN, MISS N. J.

RABBITT, R.

SIMMS, B.

STRINGER, C. E.

TUCK, H. E. C.

WADSWORTH, S.

WHITELAW, B. W.

WHITSON, F. H.

WIDDOWSON, J. H.

WORWOOD, THE REV. F. E.

WRIGHT, P. F.

WRIGHT, W. E.

Added Members

MR. C. B. BREWINGTON

MR. N. L. DODSWORTH

DR. R. FORSYTH

DR. A. R. GRIFFIN

MR. G. GROVES

CAPT. A. D. H. JAY

MISS F. M. MILFORD

REV. CANON E. E. ROBERTS

MRS. J. P. RUSSELL-GEBBETT

MR. H. SANDERSON

MR. E. T. SERMON

ONE VACANCY

*31st December, 1971

SPECIAL SERVICES SUB-COMMITTEE*

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COUNCILLOR S. BROWN

Vice-Chairman

COUNCILLOR MRS. M. BEARDSLEY

Ex-Officio

ALDERMAN MRS. E. A. YATES, C.B.E., J.P.

ALDERMAN F. N. RUDDER

ALDERMAN SIR FRANK SMALL, C.B.E., D.L., J.P.

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WIDDOWSON, J. H.

Added Members

MR. N. L. DODSWORTH

DR. R. FORSYTH

REV. CANON E. E. ROBERTS

*31st December, 1971

Health Department,
County Hall,
West Bridgford,
Nottingham,
NG2 7QP.

TO THE CHAIRMAN AND MEMBERS OF THE EDUCATION COMMITTEE OF THE NOTTINGHAMSHIRE
COUNTY COUNCIL.

I have pleasure in presenting the Annual Report of the Principal School
Medical Officer for the year 1971.

During the year it was possible to carry out routine medical examination
of schoolchildren shortly after entry to school and selectively of pupils who
appeared to need special consideration in their last year in the primary school.
School leavers were also seen in order to ensure that any medical factors which
might influence the choice of career were noted. In addition many special
examinations were arranged in order to advise on children with handicaps or who
were presenting special problems in school.

On 1st April 1971 the responsibility for the former Junior Training
Centres passed to the Education Committee. The result was to add four more
special schools to the complement in the County. All the children in these
schools have a substantial degree of mental handicap and in some cases physical
handicaps also.

A new day school for Educationally Subnormal pupils was opened in
Eastwood serving an area which had not previously had access to such a facility.

Steps were taken to increase the attention given to the pre-school age
handicapped child. Where it was thought desirable such children were seen at
a very early age and it is hoped that the medical staffing position in the future
will allow several such visits before the child is of school age. Parents will
then be able to discuss alternative placements well before a decision has to be
made and to give consideration to the many factors involved. During the year
an experiment was started in which a Medical Officer held regular sessions at
the Health Centre, Mansfield, to which parents and handicapped young children
were invited. This proved successful and consideration is being given to
extending this scheme although in the more rural parts home visits will continue
to be necessary.

Amongst their many duties the School Nurses continued to screen the vision
of all pupils at frequent intervals. The traditional method using a wall chart
at a distance poses increasing difficulties in overcrowded schools and even in
modern buildings where there is now much greater movement of pupils to and fro
during a session. With this in mind two Keystone Vision Screeners were
brought into use.

The extent of infestation with pediculosis capitis continued to cause
concern and evidence suggested that the treatment being used was in some cases
ineffective due to resistance. A new preparation which contains Malathion was
introduced and preliminary reports suggest that this will provide more effective
control.

Throughout the year the demand for Speech Therapy was much greater than
could be dealt with by the small number of qualified Speech Therapists available.
Mrs. R.F. Kirk was appointed to the vacant post of Senior Speech Therapist and
she has already made considerable efforts to improve recruitment.

Noticeable amongst outbreaks of infectious diseases were several due to Infective Hepatitis. Although in most cases only a few children were concerned one outbreak in a primary school was prolonged but the evidence did not suggest that the school was the main factor governing the spread of the disease: many cases were also occurring in the adult members of the community at the same time. This disease can cause prolonged debility in a child and care may be needed to ensure that full time schooling is not resumed too soon.

I am very sorry indeed to have to record the death of Mr. McCracken, Orthodontic Surgeon, in July 1971. He had been an invaluable member of the County staff since 1954 and his special skills were of great benefit to the children.

Again, my sincere thanks to the Committee and Officers for their help and support during the year, especially to the Director of Education and his staff, and to Dr. M. Gibbs and Mr. E. Lewis of this Department for their able administration of the day to day work of the School Health Service.

H.I. LOCKETT

Principal School Medical Officer

SCHOOL HEALTH SERVICE

The school population continues to grow and there were 120,558 pupils on the School Registers in January, 1972, an increase of 3,506 (2.9%) over the previous year. More Medical Officers' time was available to the School Health Service and it was possible to arrange for handicapped children to be seen more frequently.

Medical Inspection and Treatment

The arrangements for medical examination or treatment of pupils during 1971 followed the pattern of previous years. The table on page 99 gives the numbers and classification of children inspected.

Defects found at school medical inspections are shown in the tables on pages 123 to 124.

Handicapped Pupils

During the year Medical Officers carried out 862 examinations of pupils known or thought to have some physical or mental disability, compared with 808 in 1970. The table on page 109 shows the number examined in each category.

Unit for Hearing Impaired Children

At the beginning of the year the Unit for Partially-Hearing children at Mapperley Plains Primary School was discontinued and the children on roll attended local schools pending transfer to a new Unit which was established at the Beeston Roundhill Junior School in April. At the end of the year six hearing impaired children (three boys and three girls) were in attendance at the new Unit.

Hearing Impaired Children in Ordinary Schools

The Peripatetic Teachers of the Deaf continue to afford help for the partially hearing children attending ordinary schools. At the close of the year there were 297 children with hearing aids being educated in ordinary schools, compared with 209 at the end of 1970.

Home Tuition

There are some children who, during the waiting period for admission to Special Schools, or who are undergoing temporary periods of medical treatment at home, have to be provided with education in their own homes. Each child is examined by a Medical Officer to ensure that Home Tuition is necessary on medical grounds.

Fifteen children were being provided with Home Tuition at the end of the year.

Special Transport

Special transport to and from school is recommended for any child who on account of physical handicap, injury, acute or chronic ill-health is considered unfit to attend school by other means.

Consultant Eye Sessions for School Children at County Clinics

The arrangements with the Sheffield Regional Hospital Board for the

attendance of Consultants at the School Ophthalmic Clinics continued.

518 sessions were held at the various Clinics throughout the County at which 6,274 examinations were carried out. In addition, Dr. Regan undertook 353 retinoscopy examinations under the general supervision of the Consultant Ophthalmologists.

Details of the Clinics at which these sessions are held are given on page 104.

Consultant Paediatric Clinic

Dr. A.F. Conchie continued to attend the Consultant Paediatric Clinic at Worksop, the sessions being transferred to the new Health Centre which was brought into use in November.

Speech Therapy

I am indebted to Mrs. R.F. Kirk, for the following report on the work of the Speech Therapy Service during the year:-

"During the past year the Speech Therapy Service has suffered severely from staffing problems. On appointment as Senior Speech Therapist in September I started a programme for staff recruitment. Initially letters were sent to all Speech Therapists living in or around Nottinghamshire informing them that jobs were available in the County. There was some response to this, two Therapists coming forward to offer their services, several part-time staff also asked to work more but had to withdraw their offers as Whitley Council rules made it obvious that they would earn considerably less per session by working more time. As the cost of putting children into Day Nurseries, Playgroups etc. remains the same per day it was obviously uneconomic for them to work more for the County.

Also to aid staff recruitment all Speech Therapy Colleges were circulated with the jobs available in the County and visits are planned to several, to encourage Therapists to come to work in Nottinghamshire.

Over the year Therapists were pleased to find that the proportion of children referred for Speech Therapy pre-school has increased. Early diagnosis and correct advice to the mother can always alleviate speech problems and sometimes eliminate them completely. We are still concerned however, at how many stammering children are not referred until they reach school. With this condition the earlier the referral to Speech Therapy the better is the prognosis. In general when a child is referred early with this problem a few counselling sessions with the parent are all that is necessary, whereas if referred late the child may be under treatment for several years.

We do, however, plan to run next year intensive Speech Therapy courses for stammering children in the school holidays. Research has shown that this is one of the best methods of treatment and obviously it prevents the child from missing out on vital educational opportunities.

We are in the process of instituting a new system of statistics for next year's report. This year the report is compiled in the old way of mentioning only stammerers and other defects. Next year's statistics will be compiled from more detailed diagnosis e.g. retarded speech and language, dysarthria, dysphasia and dyslalia, cleft palate etc., so that we can better assess the needs of the patients overall and organise a more suitable Speech Therapy programme.

A new central Speech Therapy Clinic is planned at Clarendon Street and subject to finance being made available should open next year. At this Clinic we hope to run a pre-school Speech Therapy Playgroup for children retarded in speech and language. We shall also experiment with other forms of intensive Speech Therapy.

There will we hope be a library, a tape library, a testing room, a playroom, a tape recording room and facilities for clerical help. We also plan to have more technical equipment and children could come for full initial Speech Therapy assessment. We also hope to benefit by working in close proximity to the Hearing and Child Guidance Clinic."

Statistics relating to the service are given on page 106.

Audiometry

Following the appointment of an additional Audiometrician at the beginning of the year four Audiometricians are now in post and the screening by audiometer sweep testing continued. This sweep testing of infants is carried out between the ages of six and seven. Hearing tests are also performed on other children, at all ages, where their hearing is suspect, at the request of parents, teachers, school medical officers, general practitioners, health visitors or school nurses.

Children failing the hearing test are followed-up either by referral to the general practitioners or school medical officers for full assessment before deciding whether investigation by the Ear, Nose and Throat Consultants at the various Hospitals throughout the County are required.

Statistics relating to this service are given on page 112.

Physiotherapy

There were no staff changes and the Physiotherapy Service has again been understaffed throughout the year. One full-time and two part-time therapists working the equivalent of one-and-a-half physiotherapists were employed at the end of December.

In view of the shortage of staff it was necessary to restrict the service to the main Clinics and two Special Schools. Once again there were areas where no service could be given.

Chiropody

A chiropody service has continued to be provided for schoolchildren. Mr. Marchant and Miss Manka devoted a proportion of their time to the chiropodial treatment of schoolchildren. During the year these two members of the staff afforded 2,291 treatments to 632 pupils with foot conditions.

Health Education

The demand for advice on Health Education matters in school continues and members of the Health Education team visited schools on request from Head Teachers to provide appropriate talks, visual aids and film services. The Health Education team had another active year covering a wide variety of subjects including sex education, drug addiction, growth and development, smoking and health, venereal diseases, parentcraft, nutrition and personal hygiene.

Details of the work undertaken by the Health Education Section amongst schoolchildren during the year are given on page 110.

Employment of Children

There was no change in the arrangements for employment certificates to be issued to children requesting permission to work under the provisions of the Children and Young Persons Act, 1933. Out of a total of 975 employment certificates issued during the year medical examinations were carried out in 77 cases.

THE COUNTY SCHOOL DENTAL SERVICE

Report of the Principal School Dental Officer Mr. K.H. Davis, L.D.S.

Staff

It is with regret that the introduction to my report records the death of Mr. J.I. McCracken, the County Orthodontist. Mr. McCracken was appointed to the County Council's staff in 1957 to establish and develop the orthodontic service, a task which he undertook with zeal and enthusiasm. These qualities enabled him to achieve his objectives with a great degree of success. His presence and advice will be missed by all the staff and his replacement difficult. To maintain the service an increased amount of my time has been devoted to this service, and this will continue to be necessary until such time as an orthodontist can be appointed.

My last annual report made reference to the drift away from the service into general practice. This pattern halted during the year, the existing staff was retained and with the recruitment of the equivalent of 3.1 dental officers the position was retrieved. During the year Mr. Humphries resigned to return to Somerset but was replaced at Newark by Mr. Dudley.

Clinics

During the year surgeries in new health centres at Bingham and Keyworth were brought into use, the latter on a part-time basis only. A further surgery at Worksop is to be completed early in the coming year and it is intended to simultaneously re-grade the present Dental Officer post to Area Dental Officer. Recruitment in this area has always been difficult but it is hoped that with the improved accommodation and status this problem can be overcome. The creation of the new Department of Social Services has released certain accommodation at some clinics and health centres. This has meant that the scheme prepared for Hucknall clinic has been revised to now make provision for a recovery room and an additional surgery. The new scheme will have to await the forthcoming financial year. Similarly at Mansfield, the experience gained treating the physically handicapped children has revealed several defects, in particular the transfer of patients from wheelchair to dental chair. The increased accommodation will enable provision for a specially equipped surgery to overcome these problems.

Orthodontic Service and Dental Laboratory

Mention has previously been made of the setback the orthodontic service suffered during the year. The continued co-operation of the hospital authorities and in particular Mr. D.G. Gould, the Consultant Orthodontist, has helped ameliorate this setback and has been greatly appreciated. The laboratory continues to function well. During the year an additional technician was employed. One of our own apprentice's indentures were completed and both he and the additional technician were successful in the City and Guilds examination, Mr. S. James being awarded a prize by the Nottingham People's College. It is significant that immediately the results were announced both received offers of more remunerative employment.

The year has been dominated by the proposed amalgamation of Local Authorities and the establishment of Area Health Boards, both scheduled for 1974. Inevitably there is speculation about the effects of this legislation upon the School Health Service. Whatever the final outcome the valuable links established over the years with the Education Department should be maintained.

My thanks are due to the County Medical Officer of Health, Director of Education, County Architect, and the dental staff for their continuing support and encouragement.

CHILD GUIDANCE SERVICE

I am indebted to Dr. T.A. Ratcliffe for the following comments:-

"Inevitably all of my recent reports over the past 10 years have included comments on our staff shortages at the Child Guidance Clinic. My report for the year 1971 can be no exception in this respect. Indeed, during that year, we had some new complications over professional staffing.

We still have only one part-time Educational Psychologist to cover that commitment over the whole County area. This not only gravely limits our liaison contacts with the schools, but it means that Educational Psychologist sessions are only possible in our central clinic in Nottingham.

In November we were happy to welcome Mrs. Caudell for 1½ Psychiatric Social Worker sessions per week. This was a very valuable addition to our professional resources; but it still leaves us seriously short of Psychiatric Social Workers, and with rather less than half our Psychiatric Social Worker establishment available.

For almost three-quarters of the year we were without a Senior Registrar; and for three months early in the year I was myself off on sick leave. During this three months the Regional Hospital Board generously arranged for Dr. Fisher to act as locum consultant for me, although he was only able to cover a part of my total commitment. These serious and lengthy limitations produced obvious problems for the Clinic; and the results are reflected in our statistical figures for the year. 1971 is the first occasion for many years when there has been a reduction in the quantity of our work.

Since our aim is to provide the best possible service for our patients, we have had to re-think even further what tasks and roles we can best fulfil; and which therefore we ought to provide. We have always given careful consideration to the true clinical priority of each case referred to us; but, in addition, we are now carefully assessing in each new case whether we, or some other Agency, are best equipped to help with the particular problem and patient. To achieve successful results from this policy requires good liaison with the other Agencies concerned; and this was not always easy during 1971. For example, the great expansion in size of the Combined Probation Service and the complex re-organisation of the County's Social Services broke, if only for a time, our former personal contact with many of their field workers. We hope that this good liaison can be re-established since it is essential to the quality of our work.

On the credit side, and in accordance with the suggestions which we have often made and which I have repeated in various recent Annual Reports, appreciably more referrals are now being made direct to us rather than through "administrative channels", thereby avoiding a considerable and unnecessary waste of time and effort.

At the time when this report was written, the place of Child Guidance Clinics in the re-organised Health Service had not been announced; on the other hand it seemed virtually certain that the massive re-organisation of Local Authorities would take place. Meanwhile it is worthwhile emphasising that we continue to have the best of both worlds, and through this to provide, as we have done for many years, a worthwhile

benefit to our patients. Thanks to a far sighted decision made by the Sheffield Regional Hospital Board and the Local Authorities concerned in the earliest years of the National Health Service, for a "joint user" policy for Psychiatrists (and some other Consultants), Dr. Arkle and I have been able to build up a closely co-ordinated service in this geographical area. Because Dr. Arkle and I have a consultant role both within the Hospital psychiatric service and in the City and County Child Guidance Clinics, we can provide a wide range of diagnostic and treatment facilities using whichever of these various Clinics is most appropriate in each individual case. For similar reasons we have access to, and clinical responsibility for, the residential facilities of the two Hospital Units and of the County and City Hostels, again utilising whichever of these facilities will most help the child and his family. Finally we can spread our net widely so as to be able to accept suitable referrals from a very wide range of sources.

We must hope that, after whatever re-organisation does take place, we still will be able to provide these extensive and well co-ordinated services for our patients and their families."

SCHOOL HYGIENE

Medical Officers continued to carry out inspections of the general hygiene of school premises on the occasion of their visits to schools to perform routine medical inspections, and unsatisfactory conditions were reported to the Director of Education.

Mr. G.H. Earnshaw, the County Health Inspector, also makes regular visits to schools and School Kitchens throughout the County to advise on the hygiene arrangements and has submitted the following comments:-

"Milk in Schools Scheme

All milk supplied to schools under the Scheme, as for many years, was pasteurised and delivered in individual bottles.

Forty-eight samples were collected after delivery during the year and submitted to the statutory tests for pasteurised milk, namely the phosphatase test, and methylene blue test, by the Public Health Laboratory, Nottingham.

The phosphatase test makes a check on the efficiency of the pasteurisation process and all the samples submitted were satisfactory in that respect.

The methylene blue test is a test of keeping quality, and in four instances the results led to further samples being taken and these were all satisfactory.

There were twenty-one suppliers delivering milk to schools during the year under the Scheme.

Water Supply

A survey of school water supplies was begun in a rural area with the object of determining the effect, if any, of storage in high level tanks, and to ensure the availability of adequate direct mains supplies. The survey was incomplete at the end of the year but the indications were generally satisfactory.

All those responsible for day to day swimming pool management are equipped to make frequent tests of the water under their control. On occasions the County Health Inspector submits samples for bacteriological examination. Six samples sent for examination during the year were entirely satisfactory.

It was a pleasure to assist a joint village committee during the year when they sought advice on their proposed swimming pool scheme, to serve three villages in the north of the County.

Sewage Disposal Works

There are a number of schools located far beyond the local drainage systems and each of these has its own disposal works, attended, as a rule by the school caretaker. All were visited at intervals by the County Health Inspector and samples of effluent were tested. Results on occasions were useful in showing a need for increased maintenance or overhaul.

As in previous years, samples were taken quarterly from one such plant at which the final effluent is chlorinated before discharge to the subsoil, and submitted to chemical examination by the Public Analyst. The report on one sample led to the overhaul of the Chlorination Plant and results were subsequently satisfactory.

Environmental Hygiene

The following is a summary of visits made to schools by the County Health Inspector during the year:-

Water Supply	35
Swimming Pools	8
Samples of Pool water for bacteriological examination	6
Sanitary accommodation and washing facilities	16
Ventilation	2
Flies and Insects	9
Disinfection of Plimsolls	4 "

School Health Service

Summary of Statistics **1971**

MEDICAL AND NURSING STAFF

<u>Medical Officers</u>	<u>No. of Medical Officers</u>	<u>Equivalent Whole-time Officers</u>
Position at 31st December, 1970	30	10.1
Position at 31st December, 1971	37	12.8
 <u>Nursing Staff</u>		
County Superintendent Nursing Officer	1)	
	)	
Deputy Area Nursing Officers	)	
engaged part-time in School	)	
Health duties	2)	
	)	
Full-time School Nurses	11)	together give an equivalent of 39.5 whole-time School Nurses.
Full-time Health Visitors in combined duties	70)	
Part-time Health Visitors engaged in	)	
combined duties	31)	
	)	
Assistant Clinic Nurses engaged in	)	
combined duties -	)	
Whole-time	2)	
Part-time	16)	

SCHOOL POPULATION

Registration details on the 31st December, 1971 were as follows:-

Number of School Departments:-

Primary	334
Secondary Modern	47
Selective	19
Special	16
Nursery	2
Comprehensive	14
Total	432

Number of Pupils on School Books:-

Primary	73,766
Secondary Modern	19,621
Selective	10,641
Special	1,181
Nursery	88
Comprehensive	15,261
Total	<u>120,558</u>

MEDICAL INSPECTION

Number of Pupils Inspected at Schools during the year 1971, together with the Comparable Figures for 1970

	<u>1971</u>	<u>1970</u>
Entrants	12,009	12,890
Intermediates	3,164	2,253
Leavers	4,951	1,796
Other Periodic Inspections	377	180
Total	<u>20,501</u>	<u>17,119</u>
Specials	3,182	2,186
Grand Total	<u>23,683</u>	<u>19,305</u>
Percentage of school population examined in periodic age groups	19.64	14.62

EMPLOYMENT OF CHILDREN

No. of children issued with medical certificates in connection with part-time employment in accordance with the Children and Young Persons Act, 1933 and the Committee's Bye-Laws	776
---	-----

COMPARATIVE STATISTICS

Year	No. of Pupils Inspected			School Population	Percentage Inspected
	At Periodic Inspections	At Special Inspections	Totals		
1956	25,157	8,098	33,255	89,219	37.3
1957	27,540	10,473	38,013	90,990	41.8
1958	34,367	8,263	42,630	91,962	46.4
1959	34,258	8,388	42,646	91,848	46.4
1960	25,573	7,679	33,252	91,861	36.2
1961	27,031	7,996	35,027	93,170	37.6
1962	29,603	7,630	37,233	92,970	40.0
1963	24,320	5,901	30,221	96,199	31.4
1964	23,104	4,344	27,448	98,423	27.8
1965	24,347	5,358	29,705	100,626	29.5
1966	21,819	1,831	23,650	103,108	22.9
1967	24,737	2,888	27,625	107,393	25.7
1968	22,892	2,323	25,215	110,962	22.7
1969	24,012	2,583	26,595	114,366	23.2
1970	17,119	2,186	19,305	117,052	14.6
1971	20,132	3,551	23,683	120,558	19.6

SELECTIVE INTERMEDIATE EXAMINATION SCHEME

(The corresponding figures for 1970 are given for comparison)

	<u>1971</u>	<u>1970</u>
Number of questionnaires issued to Parents	10,970	11,014
Percentage of questionnaires returned	95.96	91.37
Percentage of pupils selected for examination	26.00	27.32
Percentage of pupils not selected for examination	74.00	72.68
Number of questionnaires not returned	453	381

GENERAL CONDITION OF PUPILS INSPECTED

Table showing the General Condition of Pupils inspected during
the years 1964 to 1971 inclusive

Year	No. of Children Inspected	Satisfactory		Unsatisfactory	
		No.	%	No.	%
1964	23,104	23,030	99.68	74	0.32
1965	24,347	24,325	99.91	22	0.09
1966	21,819	21,759	99.73	60	0.27
1967	24,737	24,664	99.70	73	0.30
1968	22,892	22,834	99.75	58	0.25
1969	24,012	23,973	99.84	39	0.16
1970	17,119	17,078	99.76	41	0.24
1971	20,132	20,109	99.89	23	0.11

PERSONAL HYGIENE

Number of Pupils Inspected During the Year Ended

31st December 1971

	<u>Girls</u>	<u>Boys</u>	<u>Total</u>
Routine Inspections	132,924	136,902	269,826
Follow-up Inspections	4,685	4,014	8,699
	<u>137,609</u>	<u>140,916</u>	<u>278,525</u>

Percentage of Pupils Found to Have Nits at Routine Hair Inspections

During Years 1962 to 1971 Inclusive

	<u>Percentage Boys</u>	<u>Percentage Girls</u>	<u>Percentage All Children</u>
1962	0.80	2.81	1.79
1963	0.83	3.11	1.95
1964	0.74	2.74	1.72
1965	0.79	2.39	1.57
1966	0.74	2.07	1.39
1967	0.70	1.76	1.22
1968	0.60	1.40	1.0
1969	0.60	1.43	1.01
1970	0.68	1.63	1.15
1971	1.00	1.87	1.43

SCHOOL HEALTH SERVICE
CLINICS AND SESSIONS

Sessions Per Four-week Cycle and Average Attendance

Situation of Clinic	MINOR AILMENTS		DENTAL		SPEECH THERAPY		OPHTHALMIC		PAEDIATRIC		CHILD GUIDANCE		PHYSIOTHERAPY	
	No. of Sessions per 4 Weeks	Average Attendance per Session	No. of Sessions per 4 Weeks	Average Attendance per Session	No. of Sessions per 4 Weeks	Average Attendance per Session	No. of Sessions per 4 Weeks	Average Attendance per Session	No. of Sessions per 4 Weeks	Average Attendance per Session	No. of Sessions per 4 Weeks	Average Attendance per Session	No. of Sessions per 4 Weeks	Average Attendance per Session
*Arnold-Health Centre ...	8	12	68	5	8	7	3	12	-	-	-	-	4	6
*Beeston-Dovecote Lane ...	8	22	40	6	8	8	4	16	-	-	-	-	4	4
*Bilsthorpe ...	2	4	-	-	-	-	-	-	-	-	-	-	-	-
*Bingham ...	2	18	40	5	-	-	-	-	-	-	-	-	-	-
*Carlton-Park House ...	4	12	+44	5	8	7	6	20	-	-	-	-	-	-
*Calverton-New Town Centre ...	4	15	-	-	-	-	1	12	-	-	-	-	4	6
*Cotgrave ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-
*East Leake ...	-	-	8	5	-	-	-	-	-	-	-	-	-	-
*East Retford ...	8	7	16	7	8	6	4	15	-	-	-	-	2	2
*Eastwood ...	4	11	24	5	8	7	4	15	-	-	-	-	2	3
*Forest Town ...	4	1	-	-	-	-	-	-	-	-	-	-	-	-
*Harworth ...	8	7	8	7	-	-	-	-	-	-	-	-	-	-
*Hucknall ...	8	13	40	6	4	7	2	12	-	-	-	-	-	-
*Keyworth ...	-	-	16	7	4	7	-	-	-	-	-	-	-	-
*Kimberley ...	4	4	-	-	-	-	-	-	-	-	-	-	-	-
*Kirkby-in-Ashfield ...	-	-	-	-	4	8	-	-	-	-	-	-	4	4
*Langold ...	4	1	-	-	-	-	-	-	-	-	-	-	-	-
Mansfield -														
*Health Centre ...	4	18	80	6	8	10	6	20	-	-	4	4	6	6
*Pleasley Hill ...	4	14	-	-	-	-	-	-	-	-	-	-	-	-
*Hermitage Ave ...	2	11	-	-	-	-	-	-	-	-	-	-	-	-
*Abbott Road ...	2	10	-	-	-	-	-	-	-	-	-	-	-	-
*Mansfield Woodhouse ...	4	8	-	-	-	-	-	-	-	-	-	-	4	4
Newark -														
*The Friary ...	4	6	40	6	8	6	8	12	-	-	-	-	4	4
*Hawtonville ...	4	18	-	-	-	-	-	-	-	-	-	-	-	-
Old Magnus Bldgs	-	-	-	-	-	-	-	-	-	-	++14	++14	-	-
Nottingham-Clarendon St.	-	-	40	5	-	-	2	10	-	-	4	5	-	-
*Ollerton-Church Circle ...	2	2	20	4	4	7	-	-	-	-	43	5	4	2
*Southwell ...	1	2	-	-	-	-	-	-	-	-	-	-	-	-
*Stapleford ...	4	13	+44	5	8	9	2	18	-	-	-	-	-	-
Sutton-in-Ashfield -														
*New Street ...	4	10	92	5	8	9	4	16	-	-	-	-	4	4
*Huthwaite ...	4	4	-	-	-	-	-	-	-	-	-	-	-	-
*Warsop ...	4	4	-	-	-	-	-	-	-	-	-	-	-	-
*West Bridgford-Millicent Road	4	6	32	5	8	8	-	-	-	-	-	-	4	6
Workshop -														
Health Centre ...	8	17	8	5	8	9	4	16	1	5	4	4	2	3

° Denotes that premises are used for Maternity and Child Welfare Services.

+ Evening sessions included

++ Includes children seen at Grove Hostel

°° Discontinued 28th May 1971

CONSULTANT EYE SERVICE FOR SCHOOL CHILDREN AT

COUNTY CLINICS

This Consultant Service is provided under arrangements kindly made by the Sheffield Regional Hospital Board.

Clinic	Hospital Management Committee	Ophthalmologist	Day of Session
Arnold	Nottingham No.1	Mr. D.Knight-Jones	Tuesday afternoons (4th Tuesday a.m. at Calverton)
Beeston	Nottingham No.1	Mr.G.E.Robinson	Tuesday mornings
Carlton	Nottingham No.1	Mr.G.E.Robinson	Friday mornings & alternate Thursday afternoons
Eastwood	Nottingham No.1	Dr. H. Fraser	Friday afternoons
Hucknall	Nottingham No.1	Mr.S.M.Harworth	Alternate Thursday afternoons
Mansfield	Mansfield	Mr.S.M.M.Sheriff	Tuesday afternoons Alternate Friday afternoons
Newark	Nottingham No.1	Mr.D.Knight-Jones	Wednesday afternoons
Nottingham Clarendon St.	Nottingham No.1	Mr.S.N.M.Rizk	Alternate Thursday afternoons
Retford	Worksop and Retford	Dr.N.M.Watters	Monday mornings
Stapleford	Nottingham No.1	Mr.G.E.Robinson	Alternate Thursday afternoons
Sutton-in-Ashfield	Mansfield	Mr.S.M.M.Sheriff	Wednesday mornings
Worksop	Worksop and Retford	Dr.N.M.Watters	Monday afternoons

CONSULTANT PAEDIATRIC CLINICS

The only Consultant Paediatric Sessions still in progress are those at Worksop, which are conducted by Dr. Conchie under arrangements with the Sheffield Regional Hospital Board.

Sessions held during year - 7

New Cases:-

(a) Pre-school - 3

(b) School - 3

Attendances:-

(a) Pre-school - 16

(b) School - 18

Total 34

The total attendances at this Clinic since 1965 have been as follows:-

<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>
75	53	44	42	54	65	34

SPEECH THERAPY SESSIONS AT CLINICS, ETC.

	<u>Number on Register</u>	<u>Number on Waiting List</u>
Arnold	33	17
Beeston	84	6
Carlton	42	5
Cotgrave	27	-
Derrymount Day Special School	22	-
East Leake	16	6
Eastwood	36	7
Hopwell Hall Special School	19	-
Hucknall	34	3
Keyworth	28	6
Mansfield	131	16
Newark - Old Magnus Buildings	34	23
Ollerton	31	4
Parkside Day Special School	12	-
Retford	39	2
Stapleford	37	25
Sutton Fields House Special School	16	-
Sutton-in-Ashfield	68	3
Thieves Wood Special School	10	-
West Bridgford	53	8
Worksop	54	1
	826	132

SPEECH THERAPY

The equivalent of 2.60 whole-time Speech Therapists were employed at the end of the year compared with 3.70 in 1970.

Cases receiving treatment on 1.1.71	378
Cases temporarily suspended on 1.1.71	367
Cases on waiting list 1.1.71	135
Cases admitted during 1971	443
Cases discharged during 1971	351
Cases receiving treatment 31.12.71	221
Cases temporarily suspended 31.12.71	605
Cases on waiting list 31.12.71	132

Summary of Cases Discharged

Requiring no further treatment	231
Left School	16
Left the District	22
Discharged under observation on account of persistent non-attendance	55
Pending transfer to other clinics	23
At Parents Request	4
	351

Result of Treatment of the Cases Discharged

	<u>Stammer</u>	<u>Other Speech Defects</u>	<u>Total</u>
Achieved normal speech	4	170	174
Greatly improved	5	70	75
Showed some improvement	2	40	42
Showed little or no improvement	1	59	60
Total	12	339	351

ATTENDANCES AT MINOR AILMENT CLINICS

1964 - 1971 INCLUSIVE

<u>Year</u>	<u>Total School Population</u>	<u>Total Attendances</u>	<u>Individual Attendances</u>
1964	98,423	18,205	6,212
1965	100,626	19,695	6,948
1966	103,108	17,935	6,644
1967	107,393	20,621	7,053
1968	110,962	20,421	6,096
1969	114,366	16,592	5,860
1970	117,052	14,466	4,629
1971	120,558	16,709	5,168

COMPARATIVE STATISTICS

	<u>1971</u>	<u>1970</u>
Injuries	54	50
Skin Conditions		
(a) Impetigo	29	15
(b) Eczema	39	49
(c) Warts	1,173	1,012
(d) Other	434	386
Minor Infections of Eye and Eyelids	40	54
Nasopharyngeal Infections	120	131
Bronchitis	10	12
Otitis Media	30	17
Removal of Wax	116	102

TREATMENT OF ENURESIS (ALARM APPARATUS)

No. of children treated during 1971	196	
No. of successful cases	92	(47%)

HANDICAPPED PUPILS

The following table shows the recommendations made following the examination of pupils known or thought to have some physical or mental disability.

Category	Special Day School	Residential School	Home Tuition	Unsuitable for Education at School	Special Educational Treatment in Ordinary School	Final Decision Concerning Classification Deferred	Special Educational Treatment not required	TOTAL
Blind	-	2	-	-	-	-	-	2
Partially Sighted	-	3	-	-	-	-	-	3
Deaf	-	2	-	-	-	-	-	2
Partially Hearing	-	3	-	-	2	-	-	5
Epileptic	-	-	-	-	-	-	-	-
Educationally Subnormal	142	37	-	96	281	19	230	805
Physically Handicapped	27	3	1	-	1	-	-	32
Delicate	4	6	-	-	-	-	-	10
Maladjusted	2	1	-	-	-	-	-	3
TOTALS	175	57	1	96	284	19	230	862

HEARING IMPAIRED CHILDREN IN ORDINARY SCHOOLS

No. of children with hearing aids in ordinary schools at the end of the year

297

(These children are visited and kept under observation by the Peripatetic Teachers of the Deaf)

HEALTH EDUCATION

The following is a summary of the work undertaken by the Health Education team amongst school children during the year:-

No. of Schools visited		129
No. of films shown		282
No. of talks given		150
Pupils addressed -	Boys	4,020
	Girls	7,052
		<u>11,072</u>

There were members of staff present at some of the school talks, as follows:-

<u>Men</u>	<u>Women</u>
123	199

DENTAL INSPECTION AND TREATMENT CARRIED OUT BY THE AUTHORITY

(1)	<u>Number of pupils inspected by the Authority's Dental Officers:-</u>		
	(a) Periodic Inspections	30,101	
	(b) As Specials	6,462	
			36,563
(2)	Number found to require treatment		20,967
(3)	Number offered treatment		17,555
(4)	Number actually treated		10,958
(5)	Number of attendances made by pupils for treatment, excluding those recorded at 11 (g)		31,065
(6)	Half-days devoted to:-		
	(a) Periodic (School) Inspection	241	
	(b) Treatment	5,748	
	(c) Dental Health Education	6	
			5,995
(7)	Fillings:		
	(a) Permanent Teeth	26,465	
	(b) Temporary Teeth	4,713	
			31,178
(8)	Number of Teeth Filled:		
	(a) Permanent Teeth	22,066	
	(b) Temporary Teeth	4,696	
			26,762
(9)	Extractions:		
	(a) Permanent Teeth	3,048	
	(b) Temporary Teeth	8,339	
			11,387
(10)	Administration of general anaesthetics for extractions		1,880

(11)	Orthodontics:		
	(a) Cases commenced during the year		222
	(b) Cases carried forward from previous year		656
	(c) Cases completed during the year		195
	(d) Cases discontinued during the year		36
	(e) Removable appliances fitted		350
	(f) Fixed appliances fitted		26
	(g) Total attendances		1,802
(12)	Number of pupils supplied with artificial teeth		111
(13)	Other operations:		
	(a) Crowns	38	
	(b) Other Treatment	<u>4,083</u>	
			4,121

HEARING DEFECTS

Sweep Testing

Number of Schools visited by Audiometricians	...	...	...	...	...	265
Number of tests carried out	...	...	...	...	...	12,733
Number of pupils tested	...	...	...	...	...	10,822
Number of pupils with normal hearing	...	...	8,942			
Number of pupils who failed the test	...	...	1,880	...	...	10,822
Number of pupils who failed repeat sweep test	...	...	...	...	...	862
Number of pupils referred to Medical Officers	...	1,046				
Number of pupils referred to retest at a later date	...	...	137	...	...	1,183

CHILD GUIDANCE STATISTICS

NEW CASES SEEN DURING 1971	Boys		Girls		1970
Nottingham area	...	360	240	120	394
Mansfield & West Notts.	...	250	169	81	278
Newark area	...	63	40	23	67
Workshop area	...	25	17	8	27
	...	22	14	8	22
NEW CASES REFERRED DURING 1971 but still awaiting investigation		-	-	35	

TYPES OF SCHOOL	Nottingham		Mansfield & West Notts.		Newark		Workshop/Retford		1970	
	(Boys)	(Girls)	(Boys)	(Girls)	(Boys)	(Girls)	(Boys)	(Girls)	Total	Total
Pre-school	9	4	4	3	1	-	-	-	21	24
Infants	29	14	7	3	2	1	2	1	59	60
Junior	71	28	22	9	10	2	7	2	151	148
Secondary Modern	27	18	3	4	1	2	-	3	58	79
Comprehensive	17	8	3	1	3	3	1	2	38	28
Grammar Technical	6	2	-	1	-	-	-	-	9	11
Grammar	3	4	1	2	-	-	2	-	12	19
Private	4	3	-	-	-	-	-	7	7	12
Approved School	-	-	-	-	-	-	-	-	-	-
Special School	1	-	-	-	-	-	2	-	3	3
Open-air School	-	-	-	-	-	-	-	-	-	-
Home Tuition	-	-	-	-	-	-	-	-	-	1
Not attending	2	-	-	-	-	-	-	-	2	5
Left school	-	-	-	-	-	-	-	-	-	4
	169	81	40	23	17	8	14	8	360	394

PROBLEMS		Behaviour		Delinquency		Nervous problems		Enuresis		Backwardness		Speech problems		Physical symptoms		Special advice	
		88	45	32	18	14	6	13	6	222	232	22	39	25	11	18	28
		12	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	5	4	4	1	1	1	1	5	2	8	26	5	8	44	22
		2	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		15	7	2	-	1	-	-	-	-	-	-	-	-	-	-	-
		3	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
		3	3	1	-	1	-	-	-	-	-	-	-	-	-	-	-
		37	7	-	-	-	-	-	-	44	42	360	394	22	22	42	394
		169	81	40	23	17	8	14	8	360	394	22	39	25	11	18	28

SOURCES FROM WHICH REFERRED	Nottingham (Boys) (Girls)	Mansfield & West Notts. (Boys) (Girls)	Newark (Boys) (Girls)	Workshop/Retford (Boys) (Girls)	1971 Total	1970 Total
School Medical Officers	38 19	9	4 7	2 2	3 84	106
Juvenile Courts & Probation Officers	13 10	-	- -	- -	- 23	41
Director of Education & Head Teachers	50 14	10 9	7 4	6	2 102	90
General Practitioners & Hospitals	44 26	16 9	3 2	3	3 106	117
Parents	16 5	2 1	- -	2	- 26	29
Director of Social Services	4 5	1 -	- -	-	- 10	9
Speech Therapists	2 -	2 -	- -	-	- 4	1
Other sources	2 2	- -	- -	1	- 5	1
	<u>169</u> 81	<u>40</u>	<u>23</u> 17	<u>14</u>	<u>8</u> 360	<u>394</u>

DISPOSAL OF CASES	Nottingham (Boys)	Mansfield & West Notts. (Boys)	(Girls)	Newark (Boys)	(Girls)	Workshop/Retford (Boys)	(Girls)	1971 Total	1970 Total
Advice to parents, schools, Court, etc.	52	26	6	6	3	2	1	2	98 129
Intensive treatment recommended	37	17	3	1	2	3	2	1	66 82
Less intensive treatment of parent or child recommended	48	18	12	9	7	1	3	3	101 116
Recommended admission to:- Special school for E.S.N. pupils or special class	7	4	1	-	-	1	2	2	17 2
Open-air school	-	-	-	-	-	-	-	-	- -
Approved School	-	-	-	-	-	-	-	-	- 1
Hostel for Maladjusted children	-	2	-	-	-	-	-	2	3
School for Maladjusted children	-	-	-	-	-	-	-	-	- 1
Care of Local Authority	1	-	1	-	-	-	-	2	-
Special school for physically handicapped	-	-	-	-	-	-	-	-	-
Referred elsewhere for treatment or advice	9	2	4	1	3	-	1	-	20 12
Still under investigation	14	9	10	4	2	1	2	-	42 39
Unco-operative	1	3	3	2	-	-	3	-	12 9
	<u>169</u>	<u>81</u>	<u>40</u>	<u>23</u>	<u>17</u>	<u>8</u>	<u>14</u>	<u>8</u>	<u>360 394</u>

CHILD GUIDANCE SERVICE

Cases seen for Intensive Treatment

(including psycho-therapy, play therapy, remedial teaching and relationship therapy, in respect of parent or child)

	<u>Boys</u>	<u>Girls</u>	<u>1971 Total</u>	<u>1970 Total</u>
Under treatment at January 1971	32	31	63	57
Treatment commenced during 1971	40	16	56	69
Discharged from treatment during 1971	30	23	53	63
Analysis of results				
Satisfactory improvement	12	17	29	31
Partial improvement	14	5	19	22
No change	2	1	3	6
Unco-operative	2	-	2	4
Still under intensive treatment at 31.12.71	42	24	66	63

Cases seen for Superficial Treatment

(including surveys, supportive interviews, home visits, school visits, etc. in respect of parent or child)

Under treatment at January 1971	205	50	255	329
Treatment commenced during 1971	111	57	168	165
Discharged from treatment during 1971	102	67	169	239
Still under superficial treatment at 31.12.71	214	40	254	255

Cases closed during 1971

1. Closed for clinical reasons: treatment or survey terminated:-

(a) Satisfactory improvement	38	32	70	122
(b) Slight improvement	24	19	43	47
(c) No change	2	1	3	11

2. Closed for other reasons: parents unco-operative, admitted to Approved School, left district, etc:-

(a) Much improved	5	2	7	3
(b) Slight improvement	34	18	52	54
(c) No change	29	18	47	65

3. Closed as no further Child Guidance action necessary, diagnostic or advice only:-

(a) Diagnostic only	-	-	-	-
(b) Advice only	103	53	156	181

Total Number of cases seen during 1971	547	226	773	795
--	-----	-----	-----	-----

Note:-

Those children discharged from intensive treatment but transferred to superficial treatment during 1971 have been included under both categories.

Interviews during 1971

	Nottm.	Mansfield & West Notts.	Newark	Worksop/ Retford	1971 Total	1970 Total
Psychiatrists						
Diagnostic	215	50	15	17	297	337
Treatment	696	50	200	19	965	1,289
Surveys	158	70	157	16	401	690
Parents	946	124	155	46	1,271	1,714
Others	283	42	169	27	521	705
Visits	23	3	113	3	142	197
Psychiatric Social Worker						
Diagnostic	134	66	21	21	242	197
Advisory interviews with parents	58	21	2	-	81	60
Advisory interviews with others	1	-	-	-	1	-
Visits to Homes, Schools, Children's Homes, Hostels	2	3	-	4	9	2
Educational Psychologist						
Testing	218	-	-	-	218	189
Remedial teaching	164	-	-	-	164	195
School visits	-	-	-	-	-	-
Surveys	37	-	-	-	37	17
Interviews with parents	79	-	-	-	79	35
Visits to Children's Homes, Hostels, Remand Home, etc.	-	-	-	-	-	-
Total interviews with children					2,082	2,717
Total interviews with parents					1,673	2,006
Total interviews with others					522	705
Total visits to Homes, Hostels, Remand Home, Children's Homes, Schools					151	199

DEATHS OF SCHOOL CHILDREN 1971

Accidents

<u>Cause</u>	<u>Number</u>
Road Accidents	16
Drowning	2
Other (asphyxiated in House Fire)	1
	<u>19</u>

18 Boys

1 Girl

Other

Acute Appendicitis	1
Bronchopneumonia	4
Cancer	2
Cerebellar Abcess due to Chronic Mastoiditis	1
Congenital heart disease	3
Familial cardiomyopathy	1
Gastro-Enteric	1
Leukaemia	6
Renal Failure	1
Septicaemia due to congenital lymphangiectasis	1
	<u>21</u>

12 Boys

9 Girls

INFECTIOUS DISEASES

Work carried out by school nurses in connection with the control of infectious diseases during 1971

Visits to Schools	78
Visits to Pupils' Homes	96

NUMBER OF CASES OF INFECTIOUS DISEASES REPORTED AS OCCURRING IN SCHOOLS DURING 1971, TOGETHER WITH COMPARABLE FIGURES FOR 1970.

	<u>1971</u>	<u>1970</u>
Scarlet Fever	89	99
Measles	116	1,329
German Measles	393	497
Whooping Cough	21	69
Mumps	190	930
Chicken-Pox	1,024	466
Jaundice	74	52
Dysentery	12	3
Meningitis	-	3

Tuberculosis

During the year nine cases of pulmonary and one case of non-pulmonary tuberculosis were notified amongst school children.

B.C.G. Vaccination of School Children

No. Skin tested	10,440
No. found to need vaccination	8,982
No. vaccinated	8,703

SCHOOL MEALS SERVICE AND

MILK-IN-SCHOOLS SCHEME

Average number of midday meals served and pupils having milk in school

Year	Number of Children on School Registers	MEALS		MILK	
		Average number served per day	Percentage of pupils in attend- ance taking meals	Average number taking milk per day	Percentage of pupils in attend- ance taking milk
1968	110,962	71,453	71	57,809	90
1969	114,366	74,025	72	59,313	90
1970	117,052	72,940	69	60,172	90
1971	120,558	68,106	61	24,051	35 *

* From October 1971 milk in schools was only supplied to pupils in infants schools and children qualifying on medical grounds in junior schools.

(The following statistical tables are in the form submitted to the
Department of Education and Science on Form 8.M)

MEDICAL INSPECTION OF PUPILS ATTENDING
MAINTAINED PRIMARY AND SECONDARY SCHOOLS
(INCLUDING NURSERY AND SPECIAL SCHOOLS)

A. - Periodic Medical Inspections

Age Groups inspected (By year of Birth)	No. of pupils who have received a full medical examination	PHYSICAL CONDITION OF PUPILS INSPECTED		No. of Pupils found not to warrant a medical examination	Pupils found to require treatment (excluding dental diseases and infes- tation with vermin)		
		Satisfactory	Unsatisfactory		for defective vision (excluding squint)	for any other condition recorded at Part II	Total individual pupils
		No.	No.				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1967 and later	22	22	-	-	-	1	1
1966	2,057	2,054	3	-	114	189	265
1965	7,356	7,347	9	-	399	858	1,074
1964	1,773	1,769	4	-	103	234	295
1963	558	556	2	-	36	86	108
1962	243	243	-	-	12	26	35
1961	2,033	2,031	2	8,004	133	409	442
1960	996	995	1	-	59	153	182
1959	135	135	-	-	4	12	14
1958	4	4	-	-	1	-	1
1957	628	626	2	487	44	32	69
1956 and earlier	4,327	4,327	-	4,393	275	323	547
TOTAL	20,132	20,109	23	12,884	1,180	2,323	3,033

B. - Other Inspections

Number of Special Inspections	8,043
Number of Re-inspections	1,996
Total	<u>10,039</u>

C. - Infestation with Vermin

(i)	Total number of individual examinations of pupils in the schools by the school nurses or other authorised persons	278,525
(ii)	Total number of individual pupils found to be infested	1,692
(iii)	Number of individual pupils in respect of whom cleansing notices were issued (Section 54(2), Education Act, 1944)	14
(iv)	Number of individual pupils in respect of whom cleansing orders were issued (Section 54(3), Education Act, 1944)	NIL

RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION

IN THE YEAR ENDED 31st DECEMBER, 1971

Symbol (T) denotes pupils found to require treatment and

Symbol (0) pupils found to require observation

A. - Periodic Inspections

Defect Code No. (1)	Defect or Disease (2)	PERIODIC INSPECTIONS				Special Inspection
		Entrants	Leavers	Others	Total	
4	Skin T	178	100	88	366	1,698
	0	154	50	34	238	91
5	Eyes: (a) Vision T	664	318	198	1,180	399
	0	1,395	226	185	1,806	340
	(b) Squint T	154	17	28	199	69
	0	119	9	13	141	45
	(c) Other T	36	10	4	46	48
	0	26	17	4	47	20
6	Ears: (a) Hearing T	91	11	37	139	295
	0	337	18	79	434	260
	(b) Otitis Media T	57	13	19	89	47
	0	159	5	28	192	25
	(c) Other T	52	5	15	72	141
	0	46	1	18	65	26
7	Nose and Throat T	177	41	72	290	165
	0	470	61	104	635	110
8	Speech T	97	-	12	109	133
	0	178	3	16	197	117
9	Lymphatic Glands T	7	-	2	9	5
	0	108	6	16	130	13
10	Heart T	35	17	11	63	17
	0	141	31	33	205	96

- Periodic Inspections - continued

Defect Code No. (1)	Defect or Disease (2)		PERIODIC INSPECTIONS				Special Inspection
			Entrants	Leavers	Others	Total	
11	Lungs	T	125	19	37	181	46
		O	224	27	52	303	62
12	Development - (a) Hernia	T	32	1	9	42	11
		O	65	5	7	77	17
	(b) Other	T	105	29	77	211	107
		O	283	24	52	359	91
13	Orthopaedic - (a) Posture	T	9	2	4	15	21
		O	37	17	9	63	36
	(b) Feet	T	65	20	26	111	54
		O	162	20	45	227	60
	(c) Other	T	28	21	15	64	57
		O	104	31	26	161	46
14	Nervous System - (a) Epilepsy	T	15	7	3	25	44
		O	48	9	12	69	36
	(b) Other	T	35	5	23	63	49
		O	156	13	41	210	66
15	Psychological - (a) Development	T	20	10	23	53	100
		O	257	15	82	354	127
	(b) Stability	T	29	7	13	49	238
		O	180	19	69	268	129
16	Abdomen	T	22	11	14	47	14
		O	51	14	25	90	24
17	Other	T	29	5	42	76	148
		O	79	8	49	136	93

TREATMENT OF PUPILS ATTENDING MAINTAINED AND
ASSISTED PRIMARY AND SECONDARY SCHOOLS
(INCLUDING NURSERY AND SPECIAL SCHOOLS)

Group 1 - Eye Diseases, Defective Vision and Squint

Number of cases known
to have been dealt with

External and other, excluding errors of refraction and squint	97
Errors of refraction (including squint)	*6,647
Total	6,744
Number of pupils for whom spectacles were prescribed	2,894

Group 2 - Diseases and Defects of Ear, Nose and Throat

Received operative treatment -	
(a) for disease of the ear	219
(b) for adenoids and chronic tonsillitis	1,002
(c) for other nose and throat conditions	214
Received other forms of treatment	1,996
Total	3,431
Total number of pupils in schools who are known to have been provided with hearing aids -	
(a) in 1971	51
(b) in previous years	246

Group 3 - Orthopaedic and Postural Defects (excluding fractures)

Number of cases known
to have been treated

(a) Pupils treated at clinics or out-patients departments	614
(b) Pupils treated at school for postural defects	8
Total	622

* This figure does not include children attending Orthoptic Departments at Hospitals.

Group 4 - Diseases of the Skin (excluding uncleanliness, for which see Table 1.C)

Ringworm	(i) Scalp	1
	(ii) Body	14
Scabies		91
Impetigo		24
Other Skin diseases		1,807
	Total	<u>1,937</u>

Group 5 - Child Guidance Treatment

Pupils treated at Child Guidance Clinics	773
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Group 6 - Speech Therapy

Pupils treated by Speech Therapists	1,188
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Group 7 - Other Treatment given

Number of cases known
to have been dealt with

(a) Pupils with minor ailments	27
(b) Pupils who received convalescent treatment under School Health Service arrangements	-
(c) Pupils who received B.C.G. vaccination	9,064
(d) Miscellaneous	2,618
Total	<u>11,709</u>

HEALTH SERVICES

STAFF

The following is a list of personnel employed on the 31st December, 1971:-

County Medical Officer and Principal School Medical Officer -

H. I. LOCKETT, M.B., B.S., D.Obst. R.C.O.G., M.F.C.M., D.P.H.

Deputy County Medical Officer and Deputy Principal School Medical Officer -

M. W. BEAVER, M.B., B.S., D.P.H.

Principal Medical Officer -

M. GIBBS, M.A., M.R.C.S., L.R.C.P., M.F.C.M., D.P.H.

Senior Medical Officer for Maternity and Child Health -

J. A. FORBES, M.B., Ch.B., D.Obst. R.C.O.G., D.P.H.

Senior Medical Officer - (with special responsibilities for Mental Health)

E. ROITH, M.B., B.Ch., B.A.O., D.P.M., M.F.C.M., D.P.H.

Clinical Medical Staff

Senior Clinical Medical Officers (for Maternity and Child Health and School Health Services) -

D. R. BROOK, M.B., Ch.B.

A. J. JOHNSON, M.B., B.Ch., D.T.M. & H.

K. M. MORTON, M.B., Ch.B.

M. M. REGAN, M.B., B.Ch., B.A.O.

Departmental Medical Officers (for Maternity and Child Health and School Health Services) -

Part-time -

S. E. ANNESLEY, M.B., B.Ch.

K. M. BELK, M.B., Ch.B.

M. A. BEVERLEY, M.B., Ch.B.

J. BROCK, M.B., B.S., D.C.H.

G. S. BUCHANAN, M.B., Ch.B.

F. E. BURKE, M.B., Ch.B.

J. D. CARROLL, M.B., B.Ch., B.A.O., L.M., D.C.H., D.P.H.

D. G. CLITHERO, M.B., Ch.B.

A. COLLINSON, M.B., Ch.B.

F. COUTTS, M.B., Ch.B., D. Obst. R.C.O.G.

L. M. CRAM, M.B., B.S.

C. H. DEVIN, M.R.C.S., L.R.C.P.

S. Y. FIELD, M.B., Ch.B.

J. S. FRASER, M.B., Ch.B.

M. I. GIBSON, M.R.C.S., L.R.C.P.

P. M. GRAY, M.B., B.S., M.R.C.S., L.R.C.P.

M. J. GRICE, M.B., Ch.B.

E. J. HALL, M.B., Ch.B.
 E. M. HARRISON, M.B., Ch.B.
 A. HARROW, M.B., Ch.B.
 M. HAYDON-BAILLIE, M.R.C.S., L.R.C.P., M.B., B.S., F.R.C.S.
 P. A. HOGARTH, M.B., B.Ch.
 M. A. HOWARD, M.B., B.S., L.R.C.P., M.R.C.S., D.Obst. R.C.O.G.
 P. J. E. HUBBARD, M.R.C.S., L.R.C.P., M.B., B.Ch., D.Obst. R.C.O.G.
 M. C. JEFFRIES, M.B., B.S.
 F. H. W. JOHNSON, M.B., B.S., M.R.C.S., L.R.C.P.
 J. KELLY, M.B., Ch.B.
 S. A. LEWIS, M.B., Ch.B., D.P.H.
 J. S. McCRACKEN, M.B., Ch.B., D.Obst. R.C.O.G.
 B. MOODIE, M.B., B.S.
 D. NIXON, M.B., B.S., M.R.C.S., L.R.C.P., D.Obst. R.C.O.G.
 S. RAJ, M.B., B.S.
 T. H. ROFFE, M.B., B.S.
 J. G. SMITH, M.B., Ch.B., D.Obst. R.C.O.G., D.C.H.
 G. M. WAKLEY, M.B., Ch.B.
 S. M. WORRALL, M.B., B.Ch., M.R.C.S., L.R.C.P., D.Obst. R.C.O.G.
 J. J. F. WRIGHT, M.B., Ch.B.

Departmental Medical Officers and Medical Officers of Health of County Districts -

E. BEBBINGTON, M.B., Ch.B., D.P.H.
 Beeston and Stapleford Urban District

 J. GOLDSBROUGH, M.B., B.S., M.F.C.M., D.P.H.
 Arnold and Carlton Urban Districts

 T. F. HAYNES, M.B., Ch.B., M.F.C.M., D.P.H., D.C.H.
 Hucknall, Kirkby-in-Ashfield and Sutton-in-Ashfield Urban Districts

 W. R. PERRY, M.B., B.S., D.P.H.
 Eastwood and West Bridgford Urban Districts and Basford and
 Bingham Rural Districts

 F. S. ROGERS, M.B., Ch.B., D.P.H.
 Newark Borough, Newark Rural and Southwell Rural Districts

 G. TATTERSALL, M.A., M.B., B.Ch., B.A.O., M.F.C.M., D.P.H.
 East Retford and Worksop Boroughs and East Retford and
 Worksop Rural Districts

 S. M. YOUNG, L.R.C.P., L.R.C.S., L.R.F.P. & S., D.P.H.
 Mansfield Borough, Mansfield Woodhouse and
 Warsop Urban Districts

Departmental Medical Officers and Deputy Medical Officers of Health of County Districts -

H. M. REDFERN, M.R.C.S., L.R.C.P., D.P.H.
 East Retford and Worksop Boroughs and East Retford and
 Worksop Rural Districts

 T. M. PHELPS, M.R.C.S., L.R.C.P., M.B., B.S., D.P.H.
 Eastwood and West Bridgford Urban Districts and
 Basford and Bingham Rural Districts

VACANCY

Arnold and Carlton Urban Districts

VACANCY

Hucknall, Kirkby-in-Ashfield and Sutton-in-Ashfield
Urban Districts

VACANCY

Mansfield Borough, Mansfield Woodhouse and Warsop
Urban Districts

Children's Psychiatrists (part-time service provided by the Sheffield Regional
Hospital Board) -

T. A. RATCLIFFE, M.A., M.B., F.R.C.Psych., B.Ch., M.R.C.S., L.R.C.P.,
D.P.M., D.C.H.

E. ARKLE, M.D., D.P.M.

Paediatrician (part-time service provided by the Sheffield Regional Hospital
Board) -

A. F. CONCHIE, M.B., Ch.B., M.R.C.S., L.R.C.P., D.A., D.C.H.

Ophthalmologists (part-time service provided by the Sheffield Regional Hospital
Board) -

H. FRASER, M.B., Ch.B., D.O.

S. N. M. RIZK, D.O., F.R.C.S.

G. E. ROBINSON, M.B., Ch.B., D.O.M.S.

N. M. WATTERS, M.B., Ch.B.

S. M. M. SHERIFF, D.O., F.R.C.S.

Consultant Orthopaedic Surgeon to the Thieves Wood Special School -

W. WAUGH, B.A., M.B., B.Ch., F.R.C.S., M.R.C.S., L.R.C.P.

Dental Staff

County Dental Officer and Principal School Dental Officer -

K. H. DAVIS, L.D.S.

Orthodontist -

VACANCY

Area Dental Officers -

K. W. TAYLOR, L.D.S.

(One vacancy)

Senior Dental Officers -

D. ALDERSON, B.D.S.

E. McLAREN-HOPE, L.D.S.

M. ARMITAGE, L.D.S.

H. T. THOMAS, B.D.S.

S. MAKIN, L.D.S.

Dental Officers -

Whole-time:

J. M. DAVIES, B.D.S.

A. P. HOWAT, B.D.S.

M. J. SAVIDGE, B.D.S.

Part-time:

J. R. BARKER, L.D.S.

W. BIRKINSHAW, L.D.S.

P. M. CADDICK, B.D.S.

M. S. S. DAVIS, L.D.S.

H. GARSTANG, L.D.S.

M. J. McKENNY, B.D.S.

S. MELLOR, L.D.S.

J. M. SMALL, L.D.S.

(Vacancies equal to the time of approximately three Dental Officers).
All Dental Officers are employed by the Education Committee but undertake Maternity and Child Health as well as School Health Service work.

Dental Laboratory -

Chief Technician

N. HAWKINS

Technicians

3 (1 vacancy)

Apprentice Technician

1

Dental Auxiliaries

2

Dental Surgery Assistants

20 - including 7 part-time (8 vacancies)

Nursing and Allied Staff

County Superintendent Nursing Officer

M. B. BUSBY, S.R.N., S.C.M., H.V.Cert., Q.N.

Non-Medical Supervisor of Midwives/Deputy County Nursing Officer

M. ALLCOCK, S.C.M., S.R.N.

Deputy Area Nursing Officers

C. M. PAXTON, S.R.N., S.C.M., H.V.Cert.

W. V. SHELTON, S.R.N., S.C.M., H.V.Cert., Q.N.

(Three vacancies)

Health Visitors

103 - including 31 part-time (16 vacancies)

County Midwives/District

Nurse Midwives/District

Nurses

222 - including 36 part-time (25 vacancies)

Tuberculosis Visitors

5 - including 2 part-time

School Nurses

11

Geriatric Nurses

2

Assistant Clinic Nurses

18 - including 16 part-time

Staff for Other Special Services

County Ambulance Officer -

F. E. JOLLEY

County Health Inspector -

G. H. EARNSHAW

Medical Social Workers -

E. ARGUILE (Part-time)

Health Education Officer -

N. S. WASS

Assistant Health Education Officers - 2

Chiropody -

R. E. MARCHANT - Chief Chiropodist

Chiropodists - 1

(plus 26 employed on case/sessional basis)

Educational Psychologists (Child Guidance) -

J. FRY (Part-time)

Senior Psychiatric Social Workers (Child Guidance) -

G. M. COWELL (Part-time)

E. CAUDELL (Part-time)

Speech Therapy -

R. F. KIRK - Senior Speech Therapist

Speech Therapists

6 - including 5 part-time (2 Vacancies)

Physiotherapists -

3 - including 2 part-time (1 Vacancy)

Audiometricians - 4

Central Office Staff

Principal Administrative Officer -

E. GILLOTT

Deputy Principal Administrative Officer -

R. J. MARLOWE

Senior Clerks of Sections -

Accounts -

H. R. ADAMS

School Health Service -

E. LEWIS

Preventive Health Services -

R. GOSPEL

Maternity and Child Health Services -

A. LEIVERS

Ambulance Service -

G. C. SOUTHERN

Names and Addresses of the Medical Officers of Health of the
Twenty County Districts

As at 31st December, 1971

<u>District</u>	<u>Medical Officer of Health</u>	<u>Address</u>	<u>Telephone No.</u>
<u>BOROUGHES</u>			
EAST RETFORD	G. Tattersall	Municipal Offices, Chancery Lane, Retford.	Retford 2561
MANSFIELD	S.M. Young	Public Health Department, Redcliffe House, Ratcliffe Gate, Mansfield.	Mansfield 22561
NEWARK	F.S. Rogers	Public Health Department, The Friary, Appleton Gate, Newark.	Newark 3255
WORKSOP	G. Tattersall	Health Department, Park House, Park Street, Worksop.	Worksop 2405
<u>URBAN DISTRICTS</u>			
ARNOLD	J. Goldsbrough	Health Department, Arnot Hill House, Arnold.	Nottingham 26-4114
BEESTON & STAPLEFORD	E. Bebbington	Public Health Department, The Willows, Dovecote Lane, Beeston.	Nottingham 25-4891
CARLTON	J. Goldsbrough	Public Health Department, Council House, Carlton Square, Carlton.	Nottingham 24-8231
EASTWOOD	W.R. Perry	Council Offices, Church Street, Eastwood.	Langley Mill 3022
HUCKNALL	T.F. Haynes	Council Offices, Hucknall.	Hucknall 3341
KIRKBY-IN- ASHFIELD	T.F. Haynes	Council Offices, Urban Road, Kirkby-in-Ashfield.	Kirkby-in- Ashfield 3818
MANSFIELD WOODHOUSE	S.M. Young	Public Health Department, Manor House, Mansfield Woodhouse.	Mansfield 27751
SUTTON-IN- ASHFIELD	T.F. Haynes	Public Health Department, Forest Street, Sutton-in-Ashfield.	Sutton-in- Ashfield 2181
WARSOP	S.M. Young	Health Department, Town Hall, Warsop.	Warsop 2637
WEST BRIDGFORD	W.R. Perry	Health Department, 70 Bridgford Road, West Bridgford.	Nottingham 869651
<u>RURAL DISTRICTS</u>			
BASFORD	W.R. Perry	Health Department, Rock House, Stockhill Lane, Basford, Nottingham.	Nottingham 76677
BINGHAM	W.R. Perry	Council Offices, Bingham.	Bingham 3391
EAST RETFORD	G. Tattersall	Municipal Offices, Chancery Lane, Retford.	Retford 2561
NEWARK	F.S. Rogers	Public Health Department, The Friary, Appleton Gate, Newark.	Newark 3255
SOUTHWELL	F.S. Rogers	Public Health Department, The Friary, Appleton Gate, Newark.	Newark 3255
WORKSOP	G. Tattersall	Health Department, Park House, Park Street, Worksop.	Worksop 2405

